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A PRELIMINARY LIST of the INSECTS of the PROVINCE OF QUEBEC

Part III—COLEOPTERA

BY
G. CHAGNON
MONTREAL

PUBLISHED AS A SUPPLEMENT TO REPORT OF THE
QUEBEC SOCIETY FOR THE PROTECTION OF PLANTS

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INTRODUCTION

It is again my pleasant privilege to say a few words by way of introduction to PART III, COLEOPTERA —A PRELIMINARY LIST OF THE INSECTS OF THE PROVINCE OF QUEBEC. This list of beetles is largely the work of Mr. G. Chagnon, one of the enthusiastic group of systematic entomologists of the Montreal Society of which Mr. A. F. Winn is president.

Mr. Chagnon has been for many years an ardent collector of Lepidoptera, Diptera and Coleoptera, and his collections of Quebec forms are unusually complete. It is to be regretted that pressure of vocational duties since 1912 has prevented him from devoting as much time as he and his friends would wish to the avocational studies among his beloved beetles and flies.

For the information of students of insects it may be of interest to know that Part I—LEPIDOPTERA—by A. F. Winn, was published in 1912, and Part II—DIPTERA, by A. F. Winn and G. Beaulieu, in 1915. Other Parts will follow as soon as they can be prepared.

I desire again to thank the Minister of Agriculture, the Honorable J. E. Caron, for his continued help in publishing this List as an Appendix to the Ninth Annual Report of the Quebec Society for the Protection of Plants.

W. LOCHHEAD,

President of the Quebec Society for the Protection of Plants.

Macdonald College, Que.

June, 1917.

EXPLANATION OF ABBREVIATIONS AND ACKNOWLEDGMENTS

In order to save space, an arbitrary set of abbreviations has been used for the names of Entomologists whose records have been included. The Roman numerals indicate the month in which the insect was taken.

- Be.** **Beaulieu, Germain,** Ottawa. Made a very fine collection while residing in Montreal and assisted greatly in giving a large number of records.
- Bell,** **Bell, R.** Collected on the South East side of the St. Lawrence River, from Quebec to Gaspé.
- Bég.** **Bégin, l'Abbé,** Sherbrooke. Made a local general collection.
- Bl.** **Beaulieu, Jos. I.,** Ottawa. Collected in several localities in this Province, particularly near Hull, in Ottawa Co., and furnished lists of a number of his captures.
- C.** **Chagnon, G.,** Montreal. Collected extensively and most of the records in this list are his.
- D.** **Denny, E.,** Montreal. Made a general collection, mostly Lepidoptera.
- Des.** **Desrechers, Rev. J. E.,** Rigaud. Made a local collection in all orders.
- D'Ur.** **D'Urban, W. S. M.** Collected insects of all orders and published lists in the Geological Survey of Canada.
- Fy.** **Fyfe, Rev. T. W.,** Ottawa. Collected in all orders and kindly furnished list of his captures.
- G.** **Gibson, Arthur,** Ottawa. Dominion of Canada Chief Assistant Entomologist. His Annual Insect Record has been of much value.
- Gm.** **Germain, Rev. Bro.,** Three Rivers. Makes a general collection and valuable records were taken from the Annual Insect Record.
- H.** **Harrington, W. H.,** Ottawa. Particularly interested in Hymenoptera but also made a good collection of Coleoptera many of which were taken on the Quebec side of Ottawa River.
- Hau.** **Hausen, J. F.** His list of *Hymenoptera* collected in the vicinity of St. Jerome was of great value.
- Hm.** **Hanham, A. W.,** Duncan, B.C. Collected largely while residing in Quebec.
- Ly.** **Lyman, Henry H.** Though principally interested in Lepidoptera, also collected incidentally many specimens of other orders of insects including Coleoptera.

- M. Moore, G. A.,** Montreal. Interested in Hemiptera of which he has a fine collection, but also collects insects in various other groups for his friends.
- MI. Mignault, Rev. J. B.,** St. Therese de Blainville. Collects in all orders. A number of his records have been furnished by Mr. Gibson.
- O. Ouellette, Bro. C. J.,** Deaf and Dumb Institute, Montreal. Made a large collection of Coleoptera. A number of his records were obtained through the kindness of Bro. Jean.
- P. Prevancher, L'Abbé L.** A number of valuable records were taken from his "Petite Faune du Canada."
- Re. Roy, l'Abbé,** Levis. Has furnished several good records.
- S. Swaine, J. M.** Formerly Professor of Entomology at Macdonald College, in charge of Forest Insects at Ottawa. He has kindly given his valuable assistance in the preparation of the list of the Ipidæ.
- Sa. Saunders, Dr. Wm.** Former editor of The Canadian Entomologist and Director of Experimental Farms. A collection made during a trip to Saguenay district is of interest.
- St. Stevenson, Charles,** Montreal. Formerly interested in all orders.
- W. Winn, Albert F.,** Westmount. Lepidopterist. Has also collected Coleoptera in various parts of the Province and a number of his records appear in this list. He has also kindly assisted the author in many ways in the preparation of this list.

PUBLISHED LISTS USED IN COMPILATION

A list of Coleoptera collected in the vicinity of St. Jerome, Que., by J. F. Hausen. (Can. Record of Science Vol. V. 1892).

Notes on Quebec Coleoptera by A. W. Hanham. (Can. Entomologist, Vol. 26, page 350).

Les Coléoptères du Canada and Additions to same by L'Abbé L. Provancher.

Catalogue of Coleoptera collected by M. D'Urban in the counties of Argenteuil and Ottawa (Geological Survey of Canada, 1858).

Liste des Coléoptères les plus remarquables capturés dans la Province de Québec, de 1899 à 1901, par C. J. Ouellet. (Le Naturaliste Canadien, Vol. 29, 1902).

Insects collected on the south-east side of the St. Lawrence river, from Quebec to Gaspé, by R. Bell (Geological Survey of Canada, 1858).

Order COLEOPTERA

The Coleoptera or beetles are easily recognized by their hard wing covers under which the hind wings are folded. They have mandibulate or chewing mouth parts, both in the larval as well as in the adult stage. They feed on a great variety of substances, animal and vegetable. Many species are seriously injurious to vegetation while others are carnivorous and beneficial.

This order of insects is very numerous in species and 1810 of the latter are recorded here as having been found within the limits of our Province, but more assiduous collecting, particularly in the remoter districts, will easily increase this number by over 500.

Family CICINDELIDAE

The insects belonging to this family are commonly called "tiger-beetles." They prey on other insects and are seen generally in open sandy places, flying readily when disturbed. Some are metallic and very brilliant, others brownish with white spots or bands.

CICINDELA Linn.

- C. duodecimguttata** Dej. Matane Co. (Bell); Rimouski Co. VII (C); Montreal Isl. V-VI (C); Rouville Co. VI (C); Brome Co. VIII (W); St. Maurice Co. VI (Be).
- C. hirticollis** Say. Quebec VIII (Hm); Argenteuil Co. (F).
- C. longilabris** Say. Matane Co. (Bell); Rimouski Co. VII (C); Chicoutimi Co. (Sa); Levis Co. (Hm); Brome Co. VII (W); Argenteuil Co. VI (C); Terrebonne Co. Laurentian Mts. VII (O).
- C. purpurea** Oliv. Quebec VIII (Hm); Brome Co. VIII (W); St. Johns Co. VI (C); Chambly Co. IV (C); Montreal Isl. V (C); St. Maurice Co. VI (Be).
- var limballis** Klug. Chicoutimi Co. (Sa); Quebec VIII (Hm); Chambly Co. V (C); Montreal Isl. VI (C); St. Maurice Co. VI (Be).
- C. repanda** Dej. Matane and Rimouski Cos. (Bell); Quebec (Hm); Brome Co. VII, VIII (W); Rouville Co. VI, VII (C); St. Johns Co. VI (C); Montreal Isl. V, VII (C); Terrebonne Co. VI (Ly); Vaudreuil Co. VI (C); Argenteuil Co. (D'Ur); St. Maurice Co. VI (Be).
- C. sexguttata** F. Brome Co. VII (W); Rouville Co. V-VI (C); St. Johns Co. IV-VI (C); Montreal and Jesus Isl. IV-VII (C); Vaudreuil Co. V (C); Two Mountains Co. VI (C); St. Maurice Co. VI (Be).
- C. tranquebarica** Hbst. (vulgaris Say). Saguenay (Sa); Matane Co. (W); Rimouski Co. VII (C); Temiscouata Co. (Sa); Levis Co. VII (C); St. Hyacinthe Co. VI (C); Montreal and Jesus Isl. V-VII (C); Argenteuil Co. (D'Ur).

Family CARABIDAE

The members of this large family are known as "ground-beetles" and they occur under stones, sticks, dead leaves or are seen running about on the muddy soil near the edge of ponds, creeks and rivers. Some species (*Lebia*) are found on flowers. They vary much in size and in coloration, are generally black more or less shining; some are metallic. The larvae as well as the adults are predatory and destroy quantities of injurious insects.

OMOPHRON Latr.

- O. americanum** Dej. Joliette Co. VII (O); Rouville Co. VI (C); St. Johns Co. (C); Montreal Isl. IV (C).
O. tessellatum Say. Joliette Co. (O); Berthier Co. VI (Be).

CYCHRUS Fabr.

- C. nitidicollis** Chev. var. *Brevortii* Lec. Matane Co.; Rimouski Co.; Temiscouata Co. (Bell); Argenteuil Co. (D'Ur).
C. Lecontei Dej. Isl. of Orleans (Hm); Rouville Co. VI (C); Montreal Isl. V-VII (C); Vaudreuil Co. VI (C); Ottawa Co. VI (Bl).
C. viduus Dej. Missisquoi Co. (Fy); Rouville Co. VI-VII (C).

CARABUS Linn.

- C. meander** Fisch. Matane Co. (Bell); Rimouski Co. (W); Temiscouata (Bell); Levis (Ro); St. Johns Co. VI (Bl); Ottawa Co. VI (Bl). Anticosti Isl. IX (Be).
C. nemoralis Mull. Montreal, V-VII (Crevier); Anticosti Isl. IX (Be).
C. serratus Say. Matane Co. (Bell); Rimouski Co. VII (C); Temiscouata Co. (Bell); Levis Co. (Ro); Montreal Isl. IV-VI (C); Two Mountains Co. VI (C); Ottawa Co. VI (Bl); Champlain Co. VI (Bl).

CALOSOMA Weber.

- C. calidum** Fabr. Matane Co. (Bell); Rimouski Co. (Bell); Levis VII (C); Joliette Co. VII (Bl); St. Hyacinthe Co. VII (C); Chambly Co. VI (C); Stanstead Co. IX (Bl); Montreal Isl. V-VII (C); Vaudreuil Co. VI (St); Ottawa Co. VIII (Bl); Berthier Co. VI (Bl).
C. frigidum Kirby. Joliette Co. VII (Bl); Rouville Co. VI (C); Montreal Isl. VI-VII (C); Vaudreuil Co. VII (C); Ottawa Co. VIII (Bl). This species is generally seen on trunks of trees and on foliage devouring caterpillars.
C. scrutator Fabr. Joliette Co. (O); St. Johns Co. VII (C); Montreal Isl. (Be); Ottawa Co. VII (Bl).
C. wilcoxii Lec. Montreal Isl. (D); St. Johns Co. V (Bl).

ELAPHRUS Fabr.

- E. cinctus** Lec. St. Johns Co. VI (C).
E. clairvillei Kirby. Montreal Isl. VIII-IX (C); Jesus Isl. IX (C); Vaudreuil Co. VIII (C).
E. riparius Linn. Terrebonne Co. (Hau).
E. ruscarius Say. Quebec (Fy); Terrebonne Co. (Hau); Montreal Isl. VI (C); Two Mountains Co. VI (C); Berthier Co. VI (Be); Montmorency Co. VI (Be); Argenteuil Co. VI (Ly)

BLETHISA Ben.

- B. julli** Lec. Chicoutimi Co. (P); Levis Co. (Hm); Montreal Isl. (O).
B. multipunctata Linn. Montreal and Jesus Isl. VII-IX (C).
B. quadricollis Hald. Matane Co. VIII (W); Montreal Isl. IX (Be); Vaudreuil Co. (Des); Chambly Co. VIII (Be).

LORICERA Lat.

- L. caerulea** Linn. Jesus Isl. VII (C); Montreal Isl. VII-IX (C); St. Johns Co. VII (C).

NOTIOPHILUS Dum.

- N. aeneus** Hbst. Sherbrooke Co. V (C); Montreal Isl. IV-V (C); Jesus Isl. V (C); Vaudreuil Co. V (C); Two Mountains VI (C).
N. aquaticus Linn. Matane Co. (Be); Joliette Co. (O); Montreal Isl. IV (C).
N. semistriatus Say. Isle of Orleans VIII-IX (Hm); Sherbrooke Co. V (C); Argenteuil Co. (D'Ur).

NEBRIA Latr.

- N. pallipes** Say. Levis Co. (Fy); Joliette Co. (O); Chambly Co. VII (C); Rouville Co. VI (C); St. Johns Co. VI (C).

SCAPHITES Fabr.

- S. subterraneus** Fabr. Ottawa Co. IX (Bl).

DYSCHIRIUS Ben.

- D. affinis** Fall. Joliette Co. (O).
D. globulosus Say. Montreal Isl. V (C); Jesus Isl. V-VI (C); St. Johns Co. VI (C); Vaudreuil Co. V (C); Ottawa Co. IX (Bl).
D. longulus Lec. Montreal Isl. (O).
D. nigripes Lec. Rouville Co. V (C); Montreal Isl. V-VI (C); Ottawa Co. VII (Bl).
D. sphaericollis Say. Isle Jesus V (C); Montreal Isl. (O); Vaudreuil Co. VI (C).
D. terminatus Lec. Joliette (O).

CLIVINA Latr.

- C. americana* Dej. Mount St. Hilaire Lake, Rouville Co. VII (C).
C. bipunctulata Fabr. St. Johns Co. VI (C).

SCHIZOGENIUS Putz.

- S. lineolatus* Say. Gros-Bois Isl. Chambly Co. (C); Montreal Isl. (Be).

NOMIUS Lap.

- N. pygmaeus* Dej. Montreal Isl. (O); St. Johns Co. X (Bl).

BEMBIDIUM Latr.

- B. americanum* Dej. St. Johns Co. VI (C); Ottawa Co. IV (Bl).
B. anguliferum Lec. Rouville Co. VI (C); Montreal Isl. V-VI (C); Vaudreuil Co. (Des);
 Two Mountains VI (C); Ottawa Co. VI (Bl).
B. aschmole Gyll. Rouville Co. V-VI-VII (C); St. Johns Co. VI (C); Montreal Isl. V-IX (C);
 Vaudreuil V (C); Ottawa Co. VIII (Bl).
B. canadense Hayw. Montreal Isl. VI (C).
B. carinula Chaud. Argenteuil Co. (D'Ur).
B. cautum Lec. Montreal Isl. (C).
B. chalcicum Dej. Chambly Co. VI-VII (C); Montreal Isl. V (C); Terrebonne Co. (Hau).
B. conscolor Kirby. Terrebonne Co. (Hau); Chambly Co. VI-VII (C); Montreal Isl. VI (C).
B. dentellum Thunb. Montreal Isl. VI (C); Jesus Isl. VII (C); Terrebonne Co. (Hau); Cham-
 bly Co. (C); Vaudreuil Co. VI (St).
B. fugax Lec. Ottawa Co. VII (Bl).
B. gracilliforme Hayw. Jesus Isl. V (C); Montreal Isl. V-VI (C); Vaudreuil Co. V (C).
B. gueni Chaud. Montreal Isl. (C); Ottawa Co. IV (Bl).
B. honestum Say. Jesus Isl. VI (C); Chambly Co. (Be); Ottawa Co. IV (Bl).
B. inaequale Say. Joliette Co. (O); Terrebonne Co. (Hau); Montreal Isl. (O); Ottawa VII
 (Bl). Argenteuil Co. VI (W).
B. intermedium Kirby. St. Johns Co. X (Bl); Ottawa Co. VII (Bl).
B. littorale Oliv. St. Johns Co. (C); Jesus Isl. VI (C); Chateauguay Co. VII (C) Ottawa;
 Co. VIII (Bl).
B. lucidum Lec. Lewis Co. VII (C); Terrebonne Co. (Hau); Montreal Isl. VI (C); Argenteuil
 Co. (D'Ur).
B. muscicola Hayw. Rouville Co. VII (C); Jesus Isl. IX (C); Montreal Isl. VII-X (C); Van-
 dreuil Co. VIII (C).
B. nigrum Say. Chateauguay Co. VII (C).
B. nitidum Kirby. Chicoutimi (P); Laurentian Mts., Terrebonne Co. (O); Vaudreuil-Co.
 VII (C); Two Mountains Co. VI (C); Ottawa VI (Bl).
B. patruale Dej. Argenteuil Co. (D'Ur).

- B. pilipes** Kirby. Lewis Co. (Fy); St. Johns Co. (C); Montreal Isl. (O);
B. punctatostriatum Say. Joliette Co. (O); Montreal Isl. VII (C); Argenteuil Co. (D'Ur).
B. quadrinotatum Linn. Terrebonne Co. (Hau); Jesus and Montreal Isl. IV-VII (C);
 St. Johns Co. IX (C); Vaudreuil Co. VI (C); Ottawa Co. IX (Bl)
B. scopolinum Kirby. Jesus Isl. IX (C); Montreal Isl. VIII, IX (C); Chateauguay Co. VII (C)
B. semistriatum Hald. St. Johns Co. (C).
B. simplex Lec. Ottawa Co. VI (Bl).
B. ustulatum Linn. Rouville Co. V (C); St. Johns Co. IV-VI (C); Montreal Isl. IV-V (C).
B. variegatum Say. Rimouski Co. VII (C); Terrebonne Co. (Hau); Brome Co. (M); Montreal
 Isl. IV-X (C); Chateauguay Co. VII (C); Ottawa Co. VIII (Bl).
B. versicolor Lec. Rimouski Co. VII (C); Lewis Co. VII (C); Rouville Co. (C); Montreal and
 Jesus Isl. IV-X (C); Two Mountains Co. VI (C); Ottawa Co. X (Bl);

TACHYS Schaum.

- T. flavicauda** Say. Montreal Isl. VI (C); St. Hyacinthe Co. VII (C); Vaudreuil Co. VI-VII
 (C); Two Mountains Co. VI (C).
T. granarius Dej. Montreal Isl. (O).
T. incurvus Say. Rouville Co. V (C); Jesus Isl. VI (C); Vaudreuil VI (C).
T. laevis Say. Montreal Isl. V-VI (C).
T. nanus Gyll. Chambly Co. IV (C); Montreal Isl. IV-V (C); Vaudreuil Co. VI (St.); Ottawa
 Co. VII (Bl).
T. proximus Say. Montreal Isl. (C).
T. tripunctatus Say. Rouville Co. (C).
T. xanthopus Dej. Ottawa Co. VII (Bl).

PATROBUS Dej.

- P. longicornis** Say. Matane Co. (Bell); Montmagny Co. (Bell); Rouville Co. VII (C); Stanstead
 Co. VI (Bl); Montreal Isl. V (C); Argenteuil Co. VI (D'Ur); Ottawa Co. IX (Bl).
P. rugicollis Rand. Rouville Co. (P).

TRECHUS Clairv.

- T. chalybeus** Mann. Stanstead Co. IX (Bl).
T. rubens Fabr. Isl. of Orleans (Hm).

MYAS Dej.

- M. cyaneescens** Dej. Rouville Co. VI (C); Montreal Isl. (O).

PTEROSTICHUS Ben.

- P. adoxus** Say. Terrebonne Co. (Hau); Rouville Co. VI (C); Vaudreuil Co. VII (C); Ottawa
 Co. VIII (Bl);

- P. caudicella** Say. Terrebonne Co. (Hau); Chambly Co. V (C); Montreal Isl. IV-VI (C); Chateauguay Co. VII (C); Two Mountains Co. VI (C); Argenteuil Co. (D'Ur); Ottawa Co. IV (Bl).
- P. convexicollis** Say. Rimouski (Be); Ottawa Co. V (Bl).
- P. coracinus** Newm. Terrebonne Co. (Hau); Rouville Co. VI (C); St. Johns Co. VI (C); Montreal Isl. VI-VII (C); Argenteuil Co. (Bell); Ottawa Co. V (Bl).
- P. corvinus** Dej. Rimouski Co. VII (C); Levis Co. (Bell); Terrebonne Co. (Hau); Brome Co. VII (W); Rouville Co. IX (C); Jesus Isl. IV-V (C); Vaudreuil Co. (C); St. Johns Co. V (Bl); Ottawa Co. V (Bl).
- P. erythropus** Dej. Rimouski Co. VII (C); Levis Co. (Bell); Rouville Co. VI (C); Montreal Isl. IV-V-IX (C); Vaudreuil Co. (Des); Argenteuil Co. (D'Ur); Ottawa Co. VI (Bl).
- P. femoralis** Kirby. Rimouski Co. VII (C); St. Johns Co. VI (C); Montreal Isl. IV-VI (C); Two Mountains Co. VI (C).
- P. honestus** Say. Terrebonne Co. (Hau); Sherbrooke Co. (Beg).
- P. lachrymosus** Newm. Terrebonne Co. (Hau); Rouville Co. V (C); Montreal Isl. (O).
- P. luctuosus** Dej. Stanstead Co. IX (Bl); Terrebonne Co. (Hau); St. Johns Co. V (C); Chambly Co. VI (C); Rouville Co. IX (C); Montreal Isl. V-VI (C); Jesus Isl. IV (Bl).
- P. lucublandus** Say. Matane Co. (Bell); Rimouski Co. VII (C); Levis Co. VII (C); Terrebonne Co. (Hau); Rouville Co. V-VIII (C); Chambly Co. V-X (C); Jesus and Montreal Isl. IV-IX (C); Two Mountains Co. (Bl); Argenteuil Co. (D'Ur); Ottawa Co. IX (Bl).
- P. lucetii** Dej. Matane Co. (Bell); Rimouski Co. VII (C); Levis Co. (R); Brome Co. VII (W); Argenteuil Co. (D'Ur).
- P. mandibularis** Kirby. Temiscouata Co. (Bell).
- P. moestus** Say. Rouville Co. (C); Ottawa Co. IX (Bl).
- P. mutus** Say. Levis Co. (Fy); Terrebonne Co. (Hau); St. Johns Co. V-VI (C); Rouville Co. V (Bl); Montreal Isl. IV V-X (C); Vaudreuil Co. VI (C); Ottawa Co. IV (Bl).
- P. orinumum** Kirby. Matane Co. (Bell); Rimouski Co. VII (C); Temiscouata Co. (Bell); Levis (Fy); Terrebonne Co. (Hau); Argenteuil Co. (D'Ur).
- P. patruelis** Dej. Laurentian Mts., Terrebonne Co. VIII (C); Jesus Isl. (C); Montreal Isl. VI (C); Argenteuil Co. (D'Ur); Ottawa Co. VI (Bl).
- P. pennsylvanicus** Lec. Rouville Co. V (C); Terrebonne Co. V (Bl).
- P. punctatissimus** Rand. Rimouski Co. V (Be).
- P. sayi** Brullé. Vaudreuil Co. (Des); Two Mountains Co. VI (C).
- P. scrutator** Lec. St. Hyacinthe Co. V (C); Montreal Isl. IX (C); Jesus Isl. VI (C); Argenteuil Co. (D'Ur).
- P. stygicus** Say. Terrebonne Co. (Hau).
- P. vitreus** Dej. Montreal Isl. (C); Ottawa Co. IX (Bl).

AMARA Ben.

- A. angustata** Say. Terrebonne Co. (Hau); Stanstead Co. (M); St. Johns Co. V (C); Chambly Co. V-VI (C); Montreal Isl. V-VII (C); Argenteuil Co. (Bell); Ottawa Co. VII (Bl).
- A. apicarius** Payk. Montreal Isl. (O); Jesus Isl. IV (C); Ottawa Co. VII (Bl).
- A. arenaria** Lec. St. Hyacinthe Co. (P).

- A. avida* Say. St. Johns Co. (C); Montreal Isl. (C).
A. euspectata Pts. Rimouski Co. (Be); St. Johns Co. IX (Bl).
A. cylindrica Lec. Ottawa Co. IX (Bl).
A. exarata Dej. Terrebonne Co. (Hau); Vaudreuil Co. (C); Chambly Co. V (Bl).
A. fallax Lec. Matane Co. (Bell); Rimouski Co. (C); Terrebonne Co. (Hau); Montreal Isl. VI (C); St. Johns Co. V (Bl); Ottawa Co. IX (Bl).
A. impuncticollis Say. Rimouski Co. VII (C); Montmagny Co. (Bell); Terrebonne Co. (Hau); Rouville Co. V-VI (C); St. Johns Co. VI (C); Montreal Isl. V-VII (C); Argenteuil Co. (D'Ur); Ottawa Co. VI (Bl).
A. interstitialis Dej. Matane Co. (Bell); Levis Co. (C); Chambly Co. VII (C); Terrebonne Co. (Hau); Montreal Isl. IV-VII (C); Argenteuil (D'Ur).
A. latior Kirby. St. Hyacinthe VI (C); Rouville Co. VII (C); St. Johns VIII (C); Montreal Isl. (O); Ottawa Co. VII (Bl).
A. musculus Say. Chambly Co. VIII (C); Montreal Isl. VII (C); Ottawa Co. VII (Bl).
A. obesa Say. Terrebonne Co. (Hau); St. Hyacinthe Co. VII (C); Montreal Isl. (C); Vaudreuil Co. VII (C); Ottawa Co. VI (Bl).
A. pallipes Kirby. Rimouski Co. (Bell); Sherbrooke Co. (Be); Ottawa Co. VI (Bl).
A. polita Lec. Jesus Isl. V (Bl).
A. pretensa Putz. Montreal Isl. (C); St. Johns Co. VI (Bl).
A. rubrica Hald. St. Johns Co. (C).

DIPLOCHILA Brullé.

- D. alternans* Casey. Montreal Isl. IX (C); Jesus Isl. VIII (C).
D. impressicollis Say. Montreal Isl. (C); St. Hyacinthe Co. (P); St. Johns Co. X (Bl).
D. laticollis Lec. Terrebonne Co. (Hau); St. Hyacinthe Co. (P); Montreal Isl. VI (C).

DICAELUS Bon.

- D. elongatus* Bon. Ottawa Co. VII (Bl).
D. politus Dej. Rouville Co. VI (C).
D. teter Bon. St. Johns Co. IX. (Bl.)

DADISTER Clairv.

- D. micans* Lec. Montreal Isl. V (C); Jesus Isl. VI (C); St. Johns Co. V (C).
D. notatus Hald. Montreal Isl. (O); Jesus Isl. V (C); Vaudreuil Co. VIII (C).
D. pulchellus Lec. Isl. of Orleans (Fy); Terrebonne Co. (Hau); Montreal Isl. V-IX (C); Ottawa Co. VII (Bl).

CALATHUS Bon.

- C. gregarius* Say. Matane Co. (Bell); Rimouski Co. (Bell); Terrebonne Co. (Hau); Ottawa Co. V (Bl); Jesus Isl. V (Bl); Montreal Isl. VIII (C); Vaudreuil Co. (C); Argenteuil Co. (Bell).

- C. impunctatus* Say. Montreal Isl. (O); Jesus Isl. (C).
C. ingratus Dej. Rimouski (B6); Terrebonne Co. V (Bl).
C. quadricollis Lec. Ottawa Co. V (Bl).

PLATYNUS Bon.

- P. aeruginosus* Dej. Rouville Co. VI (C); Jesus Isl. VII (C).
P. affinis Kirby. Terrebonne Co. (Hau); St. Johns Co. V (C); Jesus Isl. VI (C); Montreal Isl. IV-V (C); Ottawa Co. VI (Bl).
P. anchomenoides Rand. Montreal Isl. VII (C); Chambly Co. VI (C); Vaudreuil Co. (Des).
P. atratus Lec. Montreal Isl. IV-V (C); St. Johns Co. (C); Chambly Co. V (C).
P. bogomanni Gyll. St. Maurice Co. (Gm); Rouville Co. VII (C); St. Johns Co. VI (C); Montreal Isl. VII-VIII (C); Argenteuil Co. (D'Ur.); Ottawa Co. VII (Bl); Two Mountains Co. (Bl).
P. cincticollis Say. Chambly Co. VII (C); Rouville Co. V (C).
P. crenistriatus Lec. Montreal Isl. (C).
P. cupripennis Say. Rimouski Co. VII (C); Levis Co. (Fy); Terrebonne Co. (Hau); Montreal Isl. IV-IX (C); Rouville Co. VI (C); Vaudreuil Co. (C); Two Mountains Co. VI (C).
P. deceptivus Lec. Vaudreuil Co. (O).
P. decorus Say. Montreal Isl. (O); Ottawa Co. VI (B); Argenteuil Co. VI (W).
P. errans Say. Terrebonne Co. (Hau); Montreal Isl. (O).
P. excavatus Dej. Rouville Co. V (C); Montreal Isl. VI (C); Vaudreuil Co. VI (C).
P. extensicollis Say. Matane Co. (Bell); Terrebonne Co. (Hau); Ottawa Co. VIII (Bl)
 Var. *viridis* Lec. Rouville Co. V-VI (C); Montreal Isl. VI (C); Vaudreuil Co. VII (C); Two Mountains Co. VI (C).
P. fratorculus Lec. Rouville Co. V (C); St. Johns Co. VI (C); Jesus Isl. VIII (C); Montreal Isl. V-VI (C).
P. hardyi Lec. Sherbrooke Co. (Be).
P. lutulentus Lec. Sherbrooke Co. V (C); Rouville Co. V (C); Jesus Isl. VI (C); Montreal Isl. IV-V (Be); Vaudreuil Co. V (St); Ottawa Co. VIII (Bl).
P. maurus Mots. Montreal Isl. VII (C).
P. melanarius Dej. Levis Co. VII (C); Terrebonne Co. (Hau); St. Hyacinthe Co. VI (C); St. Johns Co. V-VI (C); Montreal Isl. VI-X (C); Two Mountains Co. VI (C); Chambly Co. V (Bl).
P. metallescens Lec. Terrebonne Co. (Hau); Huntingdon Co. (O).
P. nigricaps Lec. St. Johns Co. (C).
P. nutans Say. Rouville Co. V (C); St. Johns Co. VI (C); Montreal Isl. (S).
P. obscurus Hbst. Jesus Isl. VI (C); Montreal Isl. IV-VI (C); Two Mountains Co. VI (C).
P. octopunctatus Fabr. Montreal Isl. V (C); Vaudreuil Co. V-VII (C).
P. picipennis Kirby. Matane Co. (Bell); Montmagny Co. (Bell); Montreal Isl. IV-VI (C); Jesus Isl. V (C).
P. placidus Say. Matane Co. (Bell); Levis (Fy); Rouville Co. V (C); Montreal Isl. V-VII (C); Vaudreuil Co. VI (C); Two Mountains Co. VI (C); Ottawa Co. VII (Bl).
P. punctiformis Say. Montreal (O).

P. quadripunctatus Deg. Rouville Co. VI (C); St. Johns Co. V (C); Montreal Isl. V-VII (C); Vaudreuil Co. VI (St); Ottawa Co. VII (Bl).

P. reflexus Lec. St. Johns (C).

P. retractus Lec. Temiscouata Co. (Bell); Montmagny Co. (Bell); Montreal Isl. (C); Argenteuil Co. (D'Ur).

P. rubripes Zimm. Quebec (P); Montreal Isl. (St).

P. ruficornis Lec. St. Johns Co. V (C); Chambly Co. VI (C); Montreal Isl. IV-V-IX (C); Vaudreuil Co. (Des); Two Mountains Co. VI (C).

P. sinuatus Dej. Rimouski Co. (Bell); Lewis Co. (Ro); Rouville Co. V (St); Sherbrooke Co. V (C); Montreal Isl. V-IX (C); Vaudreuil Co. VI (C); Two Mountains Co. VI (C); Argenteuil Co. V-VI (D'Ur).

P. sordens Kirby. Jesus Isl. V (C); Montreal Isl. IV-V (C).

OLISTHOPUS Dej.

O. parvatus Say. Montreal (O).

O. micans Lec. Vaudreuil Co. (S).

GALENITA Fabr.

G. janus Fabr. Lewis Co. (Fy); Montreal Isl. (Be); Vaudreuil Co. (St).

LEBIA Latr.

L. atriventris Say. Rouville Co. VII (C); Montreal Isl. VII-IX, at light (C).

L. fuscata Dej. Montreal Isl. (C).

L. fuscata Lec. Rouville Co. VI (C).

L. grandis Hents. Montreal Isl. (Be).

L. ornata Say. St. Hyacinthe Co. VII (C); Rouville Co. VIII (C); Montreal Isl. (O).

L. pulchella Dej. St. Johns Co. VII (C); Jesus Isl. VII (C).

L. pumila Dej. Laurentian Mts. Terrbonne Co. VIII (C); Brome Co. VIII (M); Rouville Co. VI (St.); Montreal Isl. V-VII (C); Two Mountains Co. VI (C).

L. scapularis Dej. Rouville Co. VII (C).

L. tricolor Say. Isl. of Orleans (Fy); Joliette Co. (O); St. Johns Co. (C); Montreal Isl. IV-V (C).

L. viridis Say. St. Johns Co. VI (C); Rouville Co. V-VII (C); Montreal Isl. IV-VI (C); Vaudreuil Co. V (S); Argenteuil Co. (D'Ur).

L. vittata Fabr. Rouville Co. VI (C).

DROMIUS Ben.

D. picus Dej. Huntingdon Co. (O).

APRISTUS Chaud.

A. cordicollis Lec. Rouville Co. (C).

BLECHNUS Mots.

B. glabratus Duft. Chambly Co. V (C); Jesus Isl. VII (St.); Montreal Isl. IV-V-IX (C).

METABLETUS Sch-Gueb.

M. americanus Dej. Joliette Co. (O).

AXINOPALPUS Lec.

A. bipinguis Dej. Rouville Co. V (C); Montreal Isl. V (C).

CALLIDA Dej.

C. decora Fabr. Rouville Co. VII (St).

C. punctata Lec. Rouville Co. VI (C).

FLOCHIONUS Dej.

F. timidus Hald. Vaudreuil Co. (Des).

PINACODERA Schaum.

P. picticollis Say. Portneuf Co. (P).

CYMINDIS Latr.

C. borealis Lec. Terrebonne Co. (Hau).

C. orthocollis Dej. Gaspé Co. (Hm); Matane Co. VII (W); Quebec (Hm); Terrebonne Co. (Hau); Montreal Isl. V (C); Vaudreuil Co. (O); Argenteuil Co. (Bell).

C. neglecta Hald. Montreal Isl. (O); Jesus Isl. (C).

C. pilosa Say. Jesus Isl. VIII (C).

BRACHYNUS Web.

B. ballistarius Lec.. Ottawa Co. (Bl).

B. conformis Dej. Montreal Isl. (Ritchie).

B. cordicollis Dej. Isl. of Orleans (Fy); Terrebonne Co. (Hau); St. Johns Co. VII (C); Montreal Isl. (C); Jesus Isl. IV (Bl).

B. fumens Fabr. Isl. of Orleans (Fy); St. Johns Co. VII (C) Terrebonne Co. (Hau); Jesus Isl. VII (C).

B. medius Harris. Jesus Isl. IV (Bl).

B. minutus Harr. Vaudreuil Co. (O).

B. perplexus Dej. St. Johns Co. VII (C)

CHLAENIUS Ben.

- C. impunctifrons** Say. Terrebonne Co. (Hau); Rouville Co. VI (St); Montreal Isl. VIII-X (C); Jesus Isl. IX (C); Argenteuil Co. V (D'Ur).
- C. leucocellus** Chev. Terrebonne Co. (Hau); Chambly Co. VI (C).
- C. nemorale** Say. Stanstead Co. IX (Bl).
- C. niger** Rand. Chicoutimi Co. (P); Portneuf Co. (P); Montreal Isl. IV -IX (C); Jesus Isl. VIII (C).
- C. pennsylvanicus** Say. Terrebonne Co. (Hau); Sherbrooke Co. V (C); Rouville Co. (St); Montreal Isl. V-VI (C); Jesus Isl. VIII (C); Two Mountains Co. (C); Ottawa VI (Bl).
- C. sericeus** Forst. Rimouski Co. VII (C); Montmagny Co. (Bell); Levis Co. Fy; Terrebonne Co. (Hau); Rouville Co. VI-VII (C); Vaudreuil Co. (Des); Argenteuil Co. (Bell).
- C. solitarius** Say. Quebec (Fy); Montreal Isl. (C).
- C. tomentosus** Say. Terrebonne Co. (Hau); Montreal Isl. (O).
- C. tricolor** Dej. Montmagny Co. (Bell); Levis Co. (Fy); Terrebonne Co. (Hau); Stanstead Co. IX (Bl); St. Johns Co. VI (C); Montreal Isl. V-VII (C); Two Mountains Co. VI (C); Argenteuil Co. (Bell).

ANOMOGLOSSUS Chd.

- A. emarginatus** Say. Terrebonne Co. (Hau); Montreal Isl. (C).

BRACHYLOBUS Chd.

- B. lithophilus** Say. Rimouski Co. VII (C); Levis Co. (Hm); Terrebonne Co. (Hau); Montreal Isl. (St); Jesus Isl. VII (C).

LACHNOCREPIS Lec.

- L. parallelus** Say. Montreal Isl. V (C); Vaudreuil Co. V (St).

ODES Ben.

- O. fluviatilis** Lec. St. Johns Co. (C).

AGONODERUS Dej.

- A. lincoln** Fabr. Terrebonne Co. (Hau).
- A. pallipes** Fabr. Levis Co. (Fy); Terrebonne Co. (Hau); Chambly Co. V (C); Rouville Co. V (C); Montreal Isl. IV-VI (C); Two Mountains Co. VI (C).
- A. partiaris** Say. Rouville Co. (St).

HARPALUS Latr.

- H. caliginosus** Fabr. Joliette Co. VII (Bl); Terrebonne Co. (Hau); Chambly Co. (C); St. Johns Co. (C).
- H. erraticus** Say. Montreal Isl. (Be); Vaudreuil Co. (C);

- M. fallax** Lec. Rouville Co. (C).
M. foveatus Say. Montreal Isl. (O); Vaudreuil Co. (O).
M. herbstvogus Say. Rimouski Co. (Be); Temiscouata Co. (Sn); Montreal Isl. (O); Jesus Isl. V (Bl); Argenteuil Co. (Bell).
M. laticeps Lec. Rimouski Co. (Be); St. Maurice Co. (Gm); Montreal Isl. (O); Vaudreuil Co. V (S).
M. megacephalus Lec. Temiscouata Co. (Bell).
M. pennsylvanicus De G. Rouville Co. VI (C); Chambly Co. VIII (C); Montreal Isl. VII-IX (C); Vaudreuil Co. VII (St); Argenteuil Co. (Bell); Ottawa Co. (Bl).
 var. **compar** Lec.
 St. Maurice Co. (Gm); Montreal Isl. VII (C); Vaudreuil Co. (Des); Two Mountains Co. VI (C).
 var. **erythropus** Dej.
 Rouville Co. VI (C); St. Johns Co. (C); Montreal Isl. VI-VII (C); Jesus Isl. V (Bl).
M. pleuriticus Kirby. St. Johns Co. VI (C); Montreal Isl. IV-V (O); Vaudreuil Co. (S).
M. rufimanus Lec. Matane Co. (Bell); Portneuf Co. (P); Montreal Isl. (O).
M. vagans Lec. Chambly Co. VIII (St); Montreal Isl. VIII-IX (C); Two Mountains Co. VI (C).
M. varicornis Lec. Laurentian Mts. Terrebonne Co. VII (O).
M. viridicaenus Beauv. Matane Co. (Bell); Rimouski Co. VII (C); Terrebonne Co. (Hau); Brome Co. VII (VV); Rouville Co. (C); Montreal Isl. VII-IX (C); Vaudreuil Co. VII (St); Ottawa Co. (Bl).
M. vulpeculus Say. Rouville Co. (C); Vaudreuil Co. (O).

SELENOPHORUS Dej.

- S. epalinus** Lec. Rouville Co. VI (C).

STENOLOPHUS Dej.

- S. conjunctus** Say. Terrebonne Co. (Hau); Rouville Co. V (C); St. Johns Co. VI (C); Montreal Isl. IV-V-IX (C); Vaudreuil Co. V (C); Ottawa Co. IV (Bl).
S. fuliginosus Dej. Terrebonne Co. (Hau); Montreal Isl. IV-V (C); Jesus Isl. V (St).
S. ochropus Say. Rouville Co. (C); Montreal Isl. IV (S); Jesus Isl. IV (Bl).

ACUPALPUS Lec.

- A. carus** Lec. Montreal Isl. (C).
A. hydropleus Lec. Jesus Isl. VI (C); Chambly Co. V (C).

BRADYCELLUS Er.

- B. cognatus** Gyll. Gaspé Co. (Hm); Terrebonne Co. (Hau); Vaudreuil Co. VI (C).
B. cordicollis Lec. Montreal Isl. IV (Bl).
B. nigricaps Lec. Chambly Co. V (C); Montreal Isl. IV (C); Jesus Isl. IV-VI (C).
B. rupestris S. y. Rouville Co. V (C); St. Johns Co. IV-V (C); Montreal Isl. V-VI (C); Vaudreuil Co. V (St); Ottawa Co. IV (Bl).

TACHYCELLUS Merow.

- T. badipennis** Hald. Chambly Co. V (C); Montreal Isl. IV (C); Jesus Isl. V (C).
T. kirbyi Horn. Montreal Isl. V-VI (C); Vaudreuil Co. VI (C).
T. nigrinus Dej. Sherbrooke Co. V (C); Rouville Co. V (C); Montreal Isl. (C).

ANISODACTYLUS Dej.

- A. agricola** Say. Terrebonne Co. (Hau); Vaudreuil Co. VI (C).
A. baltimorensis Say. Terrebonne Co. (Hau); Sherbrooke Co. V (C); St. Johns Co. V-VI (C); Montreal Isl. IV-VI (C); Vaudreuil Co. (Des); Argenteuil Co. (D'Ur).
A. carbonarius Say. St. Johns Co. (C).
A. discoides Dej. Terrebonne Co. (Hau); St. Johns Co. VI (C); Rouville Co. VI (C);
A. harriell Lec. Montmagny Co. (Bell); Levis Co. (Bell); St. Johns Co. (C); Montreal Isl. IV-V (C); Argenteuil Co. (Bell).
A. interpunctatus Kirby. Rouville Co. VII (C); Montreal Isl. (O); Jesus Isl. (Bl); Vaudreuil Co. (S).
A. interstitialis Say. Joliette Co. (O); Montreal (Be).
A. lugubris Dej. Sherbrooke Co. (Be); Montreal Isl. (O).
A. nigrita Dej. Rouville Co. IX (C); Montreal IV-VII (C); Jesus Isl. V (St); Vaudreuil Co. V (S).
A. nitidipennis Lec. Jesus Isl. IV (Bl).
A. rusticus Say. Terrebonne Co. (Hau); Montreal Isl. (O); Montmorency Co. VI (Be).
A. terminatus Say. Joliette Co. (O); Montreal 'al. (O); Ottawa Co. VII (Bl).
A. verticilla Lec. Rouville Co. VI (C); St. Johns Co. VI (C).

Family HALIPLIDAE

These small beetles live in stagnant water; they are yellowish with blackish spots.

HALIPLUS Latr.

- H. borealis** Lec. Montreal Isl. (O).
H. cribrarius Lec. Joliette Co. (O); Chambly Co. VII (C); Montreal I VI-VIII (C)
 Jesus Isl. VII (C).
H. longulus Lec. Montreal Isl. (O); Jesus Isl. VII (C).
H. ruficollis De G. Rouville Co. VII (C); St. Johns Co. VIII (C); Montreal Isl. VI-X (C)
 Jesus Isl. VII (C); Argenteuil Co. V (D'Ur).
H. triopis Say. Terrebonne Co. (Hau); Rouville Co. (St); Montreal Isl. VIII-IX (C)
 Vaudreuil Co. (C).

CHERIDOTUS Er.

- C. duodecompunctatus** Say. Montreal Isl. VIII-IX (C); Jesus Isl. IX (C); Vaudreuil Co. VIII (C).
C. odentulus Lec. Montreal Isl. VIII (C); St. Johns Co. X (Bl).
C. muticus Lec. St. Johns Co. (C); Montreal Isl. (O).

Family DYTISCIDAE

These insects, larvae and adults, are also aquatic; some species prefer running water while others will be found only in stagnant water. They are predatory, oval in shape, the posterior legs oar-like. They vary much in size, some minute (*Bidessus*) while *Dytiscus harrisi* attains nearly one inch and a quarter. They are black or brown in color often with yellowish bands or spots.

LACCOPHILUS Leach.

- L. maculosus** Germ. Terrebonne Co. (Hau); Rouville Co. V (C); St. Johns Co. VIII (C); Chambly Co. VII (C); Montreal Isl. V-IX (C).
L. proximus Say. St. Johns VIII (C).

HYDROVATUS Metz.

- H. cuspidatus** Germ. Jesus Isl. VII (C).

DESMOPACHRIA Bab.

- D. convexa** Aubé. Montreal Isl. VIII-IX (C); Jesus Isl. IX (C); Chateauguay Co. VII (St).

BIDESSUS Sharp.

- B. affinis** Say. Chambly Co. VII (C); Montreal Isl. VIII (C); Jesus Isl. VII-VIII (C).
B. fuscatus Cr. Montreal Isl. VIII (C); Chambly Co. VIII (C).
B. granarius Aubé. Jesus Isl. VII (C).

COELAMEUS Thoms.

- C. diaper** Lec. Montreal Isl. VII-VIII (C); Jesus Isl. IX (C).
C. impressopunctatus Sch. Rouville Co. (C); St. Johns Co. VIII (C); Montreal Isl. VI-IX (C).
C. inaequalis Fabr. Montreal Isl. (O).
C. nubilus Lec. St. Johns Co. VIII (C); Montreal Isl. (O).
C. punctatus Say. Chambly Co. VIII (C); Montreal Isl. VI-IX (C); Vaudreuil Co. VII (C).
C. turbidus Lec. Montreal Isl. (O); Chambly Co. VIII (C).

DERONECTES Sharp.

D. catascopium Say. Montreal Isl. (O).

HYDROPORUS Clairv.

H. alpinus Payk. Chicoutimi Co. (P).

H. clypealis Sharp. Rouville Co. IX (C); Montreal VIII (C); Jesus Isl. IX (C).

H. consimilis Lec. Montreal Isl. (O).

H. dichrous Melsh. Montreal Isl. (C).

H. differens Lec. St. Johns Co. (C).

H. integer Sharp. Montreal Isl. VII-IX (C); Jesus Isl. IX (C).

H. modestus Aubé. St. Johns Co. VIII (C); Rouville Co. IX (C); Montreal Isl. VI-X (C); Jesus Isl. VI-X (C).

H. perplexus Sharp. Montreal Isl. (C).

H. pulcher Lec. Montreal Isl. VIII (C); Vaudreuil Co. (O).

H. signatus Mann. Joliette Co. (O); Rouville Co. IX (C); Montreal Isl. VIII-IX (C); Jesus Isl. IX (C).

H. solitarius Sharp. Montreal Isl. VII-VIII (C); Jesus Isl. VIII (C).

H. tartaricus Lec. Joliette Co. (O).

H. tenebrosus Lec. Montreal Isl. VII (C).

H. tristis Payk. Rouville Co. VI-VII (C); Montreal Isl. VII (C).

H. undulatus Say. Rouville Co. IX (C); Montreal VII-IX (C).

H. vills Lec. Montreal Isl. (O).

ILYBIUS Er.

I. angustior Gyll. Joliette Co. (O).

I. biguttatus Germ. Rouville Co. VII (C); Chambly Co. (St); Montreal and Jesus Isl. VII IX (C); Vaudreuil Co. VII (C).

I. subaeneus Er. Montreal Isl. (C).

COPTOTOMUS Say.

C. interrogatus Fabr. Terrebonne Co. (Hau); St. Johns Co. VII (C); Montreal and Jesus Isl. VII-IX (C); Vaudreuil Co. VII (C); Argenteuil Co. (D'Ur).

ILYBIOSOMA Cr.

I. bifarius Ky. Montreal Isl. (O).

COPELATUS Er.

C. glyphicus Say. St. Johns Co. VIII (C); Montreal Isl. IX (C).

MATUS Aubé.

M. bicarinatus Say. Chambly Co. VII (C).

AGABUS Leach.

- A. decurtatus** Cr. Jesus Isl. VII (C).
A. erichsoni G. & H. Joliette Co. (O); Rouville Co. VIII (C); Jesus Isl. VII (St).
A. erythropterus Aubé. Jesus Isl. VIII (C).
A. gagates Aubé. Rouville Co. VII (C); Chambly Co. VIII (C); Jesus Isl. VII (C).
A. obtusatus Say. St. Hyacinthe Co. (P); Terrebonne Co. (Hau.)
A. punctulatus Aubé. Montreal Isl. VI-VIII (C); Jesus Isl. VIII (C).
A. reticulatus Ky. Montreal VIII-IX (C).
A. seriatus Say. Portneuf Co. (P); Montreal Isl. (C).

SCUTOPTERUS Esch.

S. hornii Cr. Montreal Isl. (O).

RNANTUS Esch.

- R. binotatus** Harr. Montreal Isl. VII (C); Jesus Isl. VIII (C); Vaudreuil Co. VII (C).
R. bistriatus Bergst. Montreal Isl (C).
R. calidus Fabr. St. Johns Co. VII (C).

COLYMBETES Clairv.

- C. longulus** Lec. Jesus Isl. VIII (C); Montreal Isl. (O).
C. sculptilis Harr. Levis Co. (Fy); Terrebonne Co. (Hau); Chambly Co. VII (C); Montreal and Jesus Isl. VII-IX (C).

HYDATICUS Leach.

- H. picus** Lec. Montreal Isl. (C).
H. stagnalis Fabr. St. Johns Co. VI (C); Montreal Isl. IV-VIII (C).

DYTISCUS Linn.

- D. dauricus** Gebl. Matane Co. (Bell).
D. fasciventris Say. St. Johns Co. (C); Montreal Isl. VIII (C); Vaudreuil Co. VIII (St).
D. harrisi Kirby. Chambly Co. IX (C); Montreal Isl. VIII (C).
D. hybridus Aubé. Jesus Isl. VIII (C).
D. sublimbatus Lec. Terrebonne Co. (Hau).
D. vorticilis Say. Montreal Isl. (O)

ACILIUS Leach.

- A. fraternus** Harr. Levis Co. (Fy); Terrebonne Co. (Hau); Montreal Isl. VII-IX (C)
Argenteuil Co. (Bell).
A. semisulcatus Aubé. Jesus Isl. VII-VIII (C); Chambly Co. VIII (St).

THERMONECTES Esch.

- T. basilaris** Harr. St. Johns Co. (C).

GRAPHODERES Esch.

- G. cinereus** Linn. Vaudreuil Co. VIII (C).

Family GYRINIDAE

The insects of this family are also aquatic and are found swimming on the surface of the water. They are black or bronzed and predatory in habit.

GYRINUS Linn.

- G. analis** Say. Montreal Isl. (O).
G. borealis Aubé. Montreal Isl. (C); Chateauguay Co. VII (C); Ottawa Co. (Fy).
G. dichrous Lec. St. Johns Co. (C); Montreal Isl. (O).
G. limbatus Say. Jesus Isl. (C).
G. minutus Fabr. Joliette Co. VII (Bl); Montreal Isl. VI (C); Vaudreuil Co. VII (C).
G. palpis Aubé. Jesus Isl. (C).
G. ventralis Kirby. Terrebonne Co. (Hau); Joliette Co. VII (Bl).

DINEUTES MacL.

- D. assimilis** Aubé. Brome Co. (W); Rouville Co. VII (C); St. Johns Co. VII-VIII (C);
Jesus Isl. VII (St).
D. discolor Aubé. Levis Co. (Fy); Terrebonne Co. (Hau); Montreal Isl. VI (O).
D. hernii Roberts. St. Johns Co. (C); Montreal Isl. VII (C).

Family HYDROPHILIDAE

Nearly all the species belonging to this family are aquatic; the others are generally found in dung. They are very convex above, smooth and polished while a few are more elongate, the surface rough and pitted. The hind legs are not fitted for swimming as in the two preceding families.

HELEPHORUS Fabr.

- H. angustulus** Mann. Joliette Co. (O); Montreal Isl. (O).
H. inquinatus Mann. Rouville Co. VII (C); Montreal Isl. (O).

- H. lacustris* Lec. Terrebonne Co. (Hau); St. Johns Co. VII (C); Chambly Co. VIII (St); Montreal and Jesus Isl. VII-IX (C).
H. lineatus Say. Jesus Isl. VII (C); Montreal Isl. VII-VIII (C); Vaudreuil Co. VII (C).
H. oblongus Lec. Chambly Co. (Gm).
H. tuberculatus Gyll. Terrebonne Co. (Hau); Montreal Isl. (O).

HYDROCHUS Leach.

- H. excavatus* Lec. Montreal Isl. VIII (C).
H. squamifer Lec. Montreal Isl. VII (C); Jesus Isl. VII (C).

HYDRAENA Kug.

- H. pennsylvanica* Kies. Terrebonne Co. (Hau); St. Johns Co. VII (C); Montreal Isl. (C)

HYDROPHILUS Geoff.

- H. triangularis* Say. Terrebonne Co. (Hau); Montreal Isl. (C).

TROPISTERNUS Sol.

- T. dorsalis* Brullé (nimbatus Say). Montreal Isl. (C).
T. ellipticus Lec. Portneuf (P).
T. glaber Hbst. Levis Co. (Fy); Chambly Co. and St. Johns Co., VII-VIII (C); Montreal Isl. VII-IX (C); Vaudreuil Co. VII (C).
T. mixtus Lec. Montreal Isl. VIII (C).

HYDROCHARIS Latr.

- H. obtusatus* Say. Levis Co. (Fy); Terrebonne Co. (Hau); Rouville Co. VII (C); St. Johns Co. VII (C); Montreal Isl. IV-VII-VIII (C).

BIROSUS Lanch.

- B. peregrinus* Hbst. Terrebonne Co. (Hau); Montreal Isl. (C).
B. striatus Say. Terrebonne Co. (Hau); Chambly Co. VIII (St); Montreal and Jesus Isl. VII-IX (C); Vaudreuil Co. VII (C).

LACCOBIUS Er.

- L. agilis* Rand. Montreal Isl. VIII-IX (C).

PHILHYDRUS Sol.

- P. bifidus* Lec. Montreal and Jesus Isl. IV-VII-IX (C); Vaudreuil Co. VII (C).
P. cinctus Say. St. Johns Co. VIII (C); Montreal Isl. VII (C); Argenteuil Co. (D'Ur).
P. hamiltoni Horn. Montreal Isl. VII (C).

- P. nebulosus* Say. Rouville Co. VII (C); Jesus Isl. VIII (C).
P. ochraceus Mels. Montreal Isl. VII (C).
P. perplexus Lec. St. Johns Co. VII (C); Montreal Isl. VI (C).

HYDROCOMBUS Sharp.

- H. rubriatus* Mels. Montreal Isl. IV (C).

HYDROBIUS Leach.

- H. fuscipes* Linn. Levis Co. (Fy), Terrebonne Co. (Hau), Chambly Co. VII (St), Montreal Isl. VI-IX (C), Vaudreuil Co. VII (C).
H. globosus Say. Terrebonne Co. (Hau), Montreal Isl. VIII (C).
H. tessellatus Ziegl. Montreal Isl. (O).

CRENIPHILUS Mots.

- C. digestus* Lec. Montreal Isl. VII (C), St. Johns Co. VIII (C).
C. infuscatus Mots. Montreal Isl. (O).
C. subcupreus Say. Montreal Isl. VII-VIII (C).

SPHAERIDIUM Fabr.

- S. scarabaeoides* Linn. Rouville Co. VI (C), St. Johns Co. V (C), Montreal and Jesus Isl. VI-VIII (C), Wright Co. (Simpson).

CERCYON Leach.

- C. anale* Payk. Montreal Isl. V (C).
C. haemorrhoidalis Fabr. Rouville Co. IX (C), Montreal Isl. VII (C).
C. posticatum Mann. Terrebonne Co. (Hau).
C. praetextatum Say. Montreal Isl. V-VI (C).
C. pygmaeum Ill. St. Johns Co. (C), Montreal Isl. V (C), Vaudreuil Co. VI (C).
C. unpunctatum Linn. Laurentian Mts., Terrebonne Co. VIII (C), Montreal Isl. (O).

CRYPTOPLEURUM Muls.

- C. minutum* Fabr. Terrebonne Co. (Hau), St. Hyacinthe Co. VII (C), St. Johns Co. V-VII (C), Montreal Isl. V-IX (C), Vaudreuil Co. (C), Two Mountains Co. VI (C).

Family SILPHIDAE

These insects generally called "carrion-beetles" live on dead animal matter or on decaying fungi. The species of *Necrophorus* also commonly known as "burrying beetles," are conspicuous by their large size.

NECROPHORUS Fabr.

- N. marginatus* Fabr. Terrebonne Co. (Hau); Montreal Isl. VIII-IX (C).
N. orbicollis Say. Levis Co. (Fy); Terrebonne Co. (Hau); Montreal Isl. VII (C); Vaudreuil Co. V (C).
N. sayi Lap. St. Johns Co. (C); Argenteuil Co. (D'Ur).
N. tomentosus Weber. Matane Co. (Bell); Levis Co. (Fy); Chambly Co. VI (C); Montreal Isl. VI-VIII (C).
N. vespilloides Hbst. Levis Co. (Fy); Terrebonne Co. (Hau).

SILPHA Linn.

- S. americana* Linn. Brome Co. VII (W); Terrebonne Co. (Hau); St. Hyacinthe Co. VI (C); Rouville Co. VII (C); Montreal Isl. V-VIII (C); Vaudreuil Co. VI (St).
S. inaequalis Fabr. Levis Co. VII (C); Terrebonne Co. (Hau); Montreal Isl. VII (C).
S. lapponica Hbst. Kamouraska Co. (Bell); Brome Co. VII (W); Terrebonne Co. (Hau); Montreal Isl. IV-V (C); Vaudreuil Co. VII (C).
S. noveboracensis Forst. Levis Co. (Fy); Brome Co. VII (W); Terrebonne Co. (Hau); Chambly Co. VI (C); St. Johns Co. VI-VII (C); Montreal Isl. VI-IX (C); Argenteuil Co. (Bell).
S. surinamensis Fabr. Levis Co. (Fy); Terrebonne Co. (Hau); Montreal Isl. VI-VII-VIII (C); Argenteuil Co. (Bell).

CHOLEVA Latr.

- C. basilaris* Say. Montreal V (C).
C. clavicornis Lec. Isl. of Orleans V (Hm); St. Johns Co. (C); Montreal Isl. V-VI (C).
C. terminans Lec. Sherbrooke Co. (Be); Montreal Isl. V (C).

PRIONOCHAETA Horn.

- P. opaca* Say. Montreal Isl. (C).

PTOMAPHAQUS Ill.

- P. parasitus* Lec. Jesus Isl. (Be).

COLON Hbst.

- C. dentatum* Lec. St. Johns Co. (C).
C. pusillum Horn. Rouville Co. V (C).

ANISOTOMA III.

A. cellaris Lec. Laurentian Mts. Terrebonne Co. (O).

LIODES Lat.

L. basalis Lec. Rouville Co. VII (C); Montreal Isl. (O).

L. discolor Melsh. Montreal (O).

L. globosa Lec. Chambly Co. VII (C).

L. obscura Horn. Chambly Co. VII (C).

L. polita Lec. Montreal Isl. (O).

AGATHIDIUM III.

A. enicoides Beauv. Montreal Isl. (O).

A. politum Lec. Montreal Isl. (O).

A. ruscivens Lec. Montreal (O).

CLAMEUS Fisch.

C. gibbulus Lec. Montreal Isl. (O).

C. puberulus Lec. St. Johns. Co. (C).

Family SCYDMAENIDAE

Small insects generally found in decaying vegetation, under logs, etc.

PYCNOPHUS Casey.

P. rarus Lec. Montreal Isl. (O).

CONNOPHRON Casey.

C. fossiger Lec. Montreal Isl. IV (C); Chambly Co. V (C).

Family PSELAPHIDAE

Small insects found in decaying vegetation, under stones and sometimes in ant's nests. These beetles, owing to their very small size, have not been much collected. A large number of species should occur with us.

CEOPHYLLUS Lec.

C. monilis Lec. Montreal Isl. (O).

DECARTHRON Erond.

D. abnorme Lec. Montreal Isl. VI (C).

D. fermiceti Lec. Montreal Isl. (O).

RYBAXIS Sauley.

R. conjuncta Lec. Montreal Isl. (O).

REICHENBACHIA Leach.

R. rubricunda Aubé. Montreal Isl. V (C).

RYTRISOBES Raltt.

R. ferox Lec. Montreal Isl. IV (C).

EUPLECTUS Leach.

E. confusus Lec. St. Johns Co. (C).

SOGNORUS Raltt.

S. pictus Lec. Montreal Isl. IV (C).

Family STAPHYLINIDAE

These beetles are at once recognised by their very short wing covers leaving most of the abdomen exposed and by their elongate form. They feed on decaying animal and vegetable substances, dung, fermenting sap, and are classed as beneficial. Some are very small and have not been much collected.

GYROPHAENA Mann.

G. affinis Fauv. Ottawa Co. IX (Bl). Montreal Isl. VIII (Be).

G. corruscata Er. St. Johns Co. V (Bl).

G. sociata Er. Terrebonne Co. (Hau).

G. vinula Er. Terrebonne Co. (Hau).

PLACUSA Er.

P. tricuspidata Fauv. Ottawa Co. VI (Bl).

HOMALOTA Mann.

H. plana Gyll. Ottawa Co. IX (Bl); Montreal Isl. VIII (Be).

BOLITOCHARA Mann.

B. blanchardi Casey. Ottawa Co. VIII (Bl.)

FALAGRIA Mann.

F. discosta Er. St. Johns Co. IV-V (C); Montreal Isl. IX (C); Ottawa Co. VI (Bl).

F. laeviuscula Lec. Stanstead Co. IX (Bl); Montreal Isl. V (Bl).

MERONERA Sharp.

M. venustula Er. Montreal Isl. (O); Chambly Co. V (Be).

TACHYUSA Er.

T. modesta Fauv. Ottawa Co. X (Bl); Montreal Isl. IX (Be).

PONTOMALOTA Casey.

P. opaca Lec. Ottawa Co. IX (Bl).

ATHETA Thoms.

A. aculea Er. Ottawa Co. VII (Bl).

A. antennaria Fauv. Stanstead Co. IX (Bl).

A. curticornis Fauv. Stanstead Co. IX (Bl).

A. dichrea Grav. Ottawa Co. VII (Bl).

A. dimidiata Fauv. Ottawa Co. VI (Bl); Montreal Isl. IX (Bl).

A. fungi Grav. Stanstead Co. IX (Bl); St. Johns Co. V (Bl); Ottawa Co. VI (Bl); Montreal Isl. IX (Bl).

A. hornii Fauv. St. Johns Co. IV (Bl).

A. sordida Marsh. Ottawa Co. VII (Bl); Montreal Isl. IX (Be).

TINOTUS Sharp.

T. morion Grav. Ottawa Co. VII (Bl).

XENODUSA Wasm.

X. cava Lec. Rouville Co. V (St); Montreal Isl. (St).

OXYPODA Mann.

O. abbreviata Fauv. Ottawa Co. VIII (Bl).

MASEOCHARA Sharp.

M. livida Lec. Ottawa Co. VII (Bl).

ALEOCHARA Grav.

- A. bimaculata** Grav. Terrebonne Co. (Hau); Chambly Co. VII (C); Jesus Isl. VI (C); Ottawa Co. VII (Bl).
A. defecta Casey. Ottawa Co. IX (Bl).
A. lata Grav. Stanstead Co. IX (Bl); Terrebonne Co. (Hau); Montreal Isl. (Be); Vaudreuil Co. VI (C).
A. sulcifrons Mann. Stanstead Co. IX (Bl).

POLYSTOMA Steph.

- P. maritima** Casey. Rimouski Co. (O).

BARYODMA Thoms.

- B. ontariensis** Casey. Stanstead Co. (Bl).

ACYLOPHORUS Nordm.

- A. pronus** Er. St. Johns Co. VIII (C); Montreal Isl. IX (C).

HETEROTHOPS Steph.

- H. fumigatus** Lec. Terrebonne Co. (Hau); Montreal Isl. (O); St. Johns Co. X (Bl).

QUEDIUS Steph.

- Q. capucinus** Grav. Vaudreuil Co. V (C); Ottawa Co. VIII (Bl).
Q. expianatus Lec. Ottawa Co. VII (Bl).
Q. laevigatus Gyll. Terrebonne Co. (Hau); Montreal Isl. (O); Ottawa Co. VII (Bl).
Q. molechinus Grav. Quebec (Hm); Montreal Isl. (Ritchie, List of Col., 1860).
Q. sublimbatus Makl. Montreal Isl. (O).
Q. vernix Lec. Montreal Isl. VIII-IX (C); Jesus Isl. VIII (C); Terrebonne Co. VII (W).

LISTOTROPHUS Ferty.

- L. capitatus** Bland. Rouville Co. VII (C); Vaudreuil Co. (O); Ottawa Co. VIII (Bl).
L. cingulatus Grav. Levis Co. (Fy); Terrebonne Co. (Hau); St. Hyacinthe Co. VII (C); Rouville Co. V-VII (C); Montreal and Jesus Isl. V-IX (C); Vaudreuil Co. VI (C); Ottawa Co. VII (Bl).

CRÉOPHILUS Kirby.

- C. villosus** Grav. Matane Co. VII (W); Levis Co. (Fy); Terrebonne Co. (Hau); Brome Co. VII (W); Sherbrooke Co. V (C); Montreal Isl. IV-VII (C); Ottawa Co. VII (Bl).

STAPHYLINUS Linn.

- S. badipes** Lec. Levis Co. VII (C); Terrebonne Co. (Hau); Rouville Co. IV-VII (C); St. Johns Co. VII (C); Montreal Isl. IV-VII (C); Ottawa Co. VI (Bl).
S. caesareus Cederh. Montreal Isl. (O); Ottawa Co. X (Bl).
S. cinnamepterus Grav. Chambly Co. VI (C); Montreal Isl. (C); Ottawa Co. VII (Bl).
S. fossator Grav. Levis Co. (Fy); Laurentian Mts., Terrebonne Co. (O); Montreal Isl. (Be); Vaudreuil Co. (O); Stanstead Co. IX (Bl).
S. maculicrus Grav. Rouville Co. V-VII (C); Jesus Isl. V (Bl); Ottawa Co. VI (Bl).
S. mysticus Er. Jesus Isl. V (Bl); Vaudreuil Co. (O);
S. saphyrinus Lec. Ottawa Co. VII (Bl).
S. violaceus Grav. Terrebonne Co. (Hau); Montreal Isl. (O); St. Johns Co. VI (Bl); Vaudreuil Co. V (C); Ottawa Co. VII (Bl).
S. viridans Horn. Terrebonne Co. (Hau); Joliette Co. (O); Vaudreuil Co. (O).
S. vulpinus Nordm. Rouville Co. V (C); Montreal Isl. (Be); Vaudreuil Co. (O); Ottawa Co. VIII (Bl).

OCYPUS Kirby.

- O. ater** Grav. Levis Co. (Fy); Terrebonne Co. (Hau); Montreal Isl. (O); Jesus Isl. V (Bl).

BELONUCHUS Nordm.

- B. formosus** Grav. Montreal Isl. (O).

PHILONTHUS Curt.

- P. apicalis** Say. Sherbrooke Co. V (C).
P. aeneus Rossi. Levis Co. (Fy); Laurentian Mts., Terrebonne Co. VI (C); Brome Co. VII (W); Rouville Co. (C); Montreal Isl. IV-VI (C); Two Mountains Co. VI (C).
P. agilis Grav. Ottawa Co. VII (Bl).
P. aurulentus Horn. Rouville Co. V (C); Ottawa Co. IX (Bl).
P. blandus Grav. Terrebonne Co. (Hau); St. Johns Co. (C); Vaudreuil Co. V (C).
P. brunneus Grav. Montreal Isl. (O); Ottawa Co. VII (Bl).
P. cephalotes Grav. Vaudreuil Co. (O); Ottawa Co. IX (Bl).
P. cyanipennis Fabr. Terrebonne Co. (Hau); Montreal Isl. V-VII (C); Vaudreuil Co. (St); Argenteuil Co. (D'ler).
P. debilis Grav. Montreal Isl. (O); Stanstead Co. IX (Bl).
P. discoloratus Grav. Vaudreuil Co. (O).
P. frontatus Casey. Ottawa Co. VII (Bl).
P. fulvipes Fabr. Stanstead Co. IX (Bl).
P. furvus Nord. Laurentian Mts., Terrebonne Co. VIII (C); St. Johns Co. VII (C); Montreal Isl. VI (C); Stanstead Co. IX (Bl).
P. fuscipennis Mann. Joliette Co. VII (Bl); Ottawa Co. VI (Bl).
P. fusiformis Melsh. Montreal Isl. (O); Ottawa Co. X (Bl).

- P. hudsonicus** Horn. Laurentian Mts. Terrebonne Co. V (Bl).
P. lactulius Say. Terrebonne Co. (Hau); Montreal Isl. (Be); Ottawa Co. IX (Bl).
P. leuostus Er. Terrebonne Co. (Hau); Chambly Co. V (C); St. Johns Co. V-VI (C); Montreal Isl. V-VII (C); Two Mountains Co. (C); VI Ottawa Co. VII (Bl).
P. longicornis Steph. Laurentian Mts. Terrebonne Co. (O); Montreal Isl. (O); Ottawa Co. VII (Bl).
P. micans Grav. Montreal Isl. IX (C); Ottawa Co. VIII (Bl).
P. nigritulus Grav. Ottawa Co. VI (Bl).
P. occidentalis Horn. Ottawa Co. IX (Bl).
P. pallidus Grav. Ottawa Co. VI (Bl).
P. rottili Horn. Montreal Isl. (O); Ottawa Co. VII (Bl).
P. scilponis Makl. Vaudreuil Co. (O).
P. politus Lin. Ottawa Co. V (Bl).
P. pubes Horn. Ottawa Co. V (Bl).
P. quadrifidus Horn. Laurentian Mts. Terrebonne Co. (O); Montreal Isl. (O).
P. quisquiliarius Gyll. Ottawa Co. X (Bl).
P. schwartzi Horn. St. Johns Co. (C); Montreal Isl. IV (C); Ottawa Co. VIII (Bl).
P. seriatus Horn. St. Johns Co. VI (C); Montreal Isl. (O); Ottawa Co. VI (Bl).
P. sordidus Grav. Terrebonne Co. (Hau); Montreal Isl. (O); Ottawa Co. VIII (Bl).
P. thevenoti Horn. Ottawa Co. IX (Bl).
P. thoracicus Grav. Ottawa Co. VI (Bl).
P. varians Payk. Montreal Isl. (O).
P. ventralis Grav. Terrebonne Co. (Hau).
P. vernalis Casey. Ottawa Co. VII (Bl).

ACTOBIUS Steph.

- A. nanus** Horn. Montreal Isl. (O).
A. scirpinus Er. Montreal Isl. IV (C); Ottawa Co. VIII (Bl).

CAFIUS Steph.

- C. canescens** Makl. Ottawa Co. IX (Bl).
C. lithocharinus Lec. Jesus Isl. V (Bl).

X. THOLINUS Serv.

- X. cephalus** Say. Terrebonne Co. (Hau); Montreal Isl. (C).
X. emmesus Grav. Rouville Co. (C); Montreal Isl. (O).
X. fulgidus Fabr. Montreal Isl. (O).
X. hamatus Say. Terrebonne Co. (Hau); St. Johns Co. VI (C); Montreal Isl. (C); Ottawa Co. VI (Bl).
X. macilentus Casey. Ottawa Co. IV (Bl).
X. obscurus Er. Terrebonne Co. (Hau); Montreal Isl. VI-VII (C); Vaudreuil Co. VI (C).

- X. obelidianus* Melsh. Terrebonne Co. (Hau); Chambly Co. (C); Montreal Isl. VII (C).
X. pilipennis Lec. Ottawa Co. V (Bl).
X. punctulatus Payk. Laurentian Mts. Terrebonne Co. (O); Montreal Isl. (O); St. Johns Co. V (Bl).

LEPTACINUS Er.

- L. batyochrus* Gyll. Montreal Isl. (O).
L. nigritulus Lec. Montreal Isl. (O); Ottawa Co. VII (Bl).

EAPTOLINUS Kretz.

- E. longiceps* Fauv. Laurentian Mts. Terrebonne Co. (O).
E. macrocephalus Nord. Terrebonne Co. (Hs)

STENUS Ltt.

- S. annularis* Er. Terrebonne Co. (Hau); Ottawa Co. VIII (Bl).
S. atomarius Casey. St. Johns Co. (C).
S. foveolatus Say. Terrebonne Co. (Hau); Ottawa Co. VI (Bl).
S. flavicornis Er. Rouville Co. V-VI (C); Montreal Isl. V-VII (C); Vaudreuil Co. VII (C); Two Mountains Co. VI (C); Ottawa Co. (Bl).
S. humilis Er. Ottawa Co. VII (Bl).
S. inornatus Casey. Ottawa Co. IX (Bl).
S. juno Fabr. Rouville Co. V (C); St. Johns Co. (C); Vaudreuil VII (St); Ottawa Co. VII (Bl).
S. pinguis Casey. Ottawa Co. VII (Bl).
S. punctatus Er. Vaudreuil Co. (O).
S. pusio Casey. Montreal Isl. (O).
S. reconditus Casey. Chambly Co. (O).
S. scrupus Casey. Ottawa Co. IV (Bl).
S. sculptilis Casey. Ottawa Co. IV (Bl).
S. stygius Say. Chambly Co. (O); Montreal Isl. (O); Ottawa Co. V (Bl).
S. tarsalis Lyngh. Ottawa Co. VII (Bl).
S. tristis Casey. Ottawa Co. IX (Bl).

CRYPTOSIUM Mann.

- C. bicolor* Grav. Terrebonne Co. (Hau); St. Johns Co. (C).
C. cribratum Lec. St. Hyacinthe Co. (P); Rouville Co. V (C); Montreal Isl. IV-V (C); Ottawa Co. IV (Bl).
C. pallipes Grav. Terrebonne Co. (Hau); Montreal Isl. IV-VI (C); Jesus Isl. V (C); Vaudreuil Co. (C).

LATHROBIUM Grav.

- L. anale** Lec. Ottawa Co. VI (Bl).
L. angulare Lec. Montreal Isl. (O).
L. armatum Say. Montreal Isl. (C).
L. collaris Er. Joliette Co. (O); Montreal Isl. IV (C); Jesus Isl. V (C); Ottawa Co. VI (Bl).
L. dimidiatum Say. Terrebonne Co. (Hau).
L. grande Lec. Terrebonne Co. (Hau).
L. jacobinum Lec. Ottawa V. (Bl).
L. longiventris Casey. Jesus Isl. VI (Bl).
L. nigrum Lec. Terrebonne Co. (Hau); Ottawa Co. VIII (Bl).
L. obtusum Casey. Ottawa Co. IX (Bl).
L. piceosens Casey. Jesus Isl. (Bl).
L. punctulatum Lec. Terrebonne Co. (Hau); St. Johns Co. V (C); Montreal Isl. VI (C).
L. quadratum Payk. Ottawa Co. VIII (Bl).
L. simile Lec. Rouville Co. (C); Montreal Isl. (O).
L. simplex Lec. Terrebonne Co. VI (Bl).; Montreal Isl. (O); Vaudreuil Co. (O).
L. terminalatum Grav. Ottawa Co. V (Bl).

SCOPAEUS Er.

- S. exiguus** Er. Terrebonne Co. (Hau); Montreal Isl. (O).

STILICUS Latr.

- S. angularis** Lec. St. Johns VI (C).
S. dentatus Say. Montreal Isl. VI (C).

LITHOCHARIS Er.

- L. confluens** Say. Rouville Co. V (C); Montreal and Jesus Isl. IV-VI (C); Vaudreuil Co. (St); Ottawa Co. VI (Bl).
L. ochracea Grav. Montreal Isl. (O).

PAEDERUS Grav.

- P. competens** Lec. Ottawa Co. VII (Bl).
P. littorarius Grav. Terrebonne Co. (Hau); St. Johns V (C); Montreal Isl. IV-V (C); Vaudreuil Co. V (C); Ottawa Co. V. (Bl). Generally in colonies.

SUNIUS Steph.

- S. binotatus** Say. Jesus Isl. (C); Montreal Isl. (O); Ottawa Co. VI (Bl).
S. discopunctatus Say. Montreal Isl. IV (C); St. Johns Co. V (C).

PINOPHILUS Grav.

P. latipes Grav. Vaudreuil Co. V (C).

TACHINUS Grav.

T. addendus Horn. St. Hyacinthe Co. (P).

T. limbriatus Grav. Laurentian Mts. Terrebonne Co. (O); Ottawa Co. VI (Bl).

T. flavipennis Dej. Terrebonne Co. (Hau); St. Hyacinthe Co. VII (C); St. Johns Co. VII (C); Montreal Isl. (O)

T. fumipennis Say. Portneuf Co. (P); Montreal Isl. (O); Argenteuil Co. VI (D'Ur); Ottawa Co. VII (Bl).

T. limbatus Melsh. Joliette Co. (O); Montreal Isl. (O); Ottawa Co. VIII (Bl).

T. luridus Er. Portneuf Co. (P); Montreal Isl. (O); Vaudreuil Co. (O); Ottawa Co. VIII (Bl).

T. memnonius Grav. Laurentian Mts. Terrebonne Co. (O); Montreal Isl. (O); Chambly Co. V (Bl).

T. nitiduloides Horn. Laurentian Mts. Terrebonne Co. (O).

T. pallipes Grav. Laurentian Mts. Terrebonne Co. (O); Montreal Isl. (O).

T. picipes Er. Laurentian Mts. Terrebonne Co. (O).

T. tachyporoides Horn. Ottawa Co. VIII (Bl).

TACHYPORUS Grav.

T. chrysemelinus Linn. Chambly Co. V (C); Rouville Co. V (C); Montreal and Jesus Isl. IV-VI (C); Vaudreuil Co. V (C); Ottawa Co. IX (Bl).

T. elegans Horn. Montreal Isl. IV (C).

T. jecesus Say. Terrebonne Co. (Hau); Stanstead Co. IX (Bl); Montreal Isl. (C).

T. macropterus Steph. Montreal Isl. (O).

T. maculipennis Lec. Montreal Isl. IV-V (C).

T. nitidulus Favr. Montreal Isl. (O).

CILEA Duval.

C. silphoides Linn. Chambly Co. VII (C); Montreal Isl. (O); Ottawa Co. VI (Bl).

ERCHOMUS Mats.

E. ventriculus Say. Terrebonne Co. (Hau); Rouville Co. VI (C); Chambly Co. VII (C); Montreal Isl. V-VI (C); Vaudreuil Co. VII (C); Ottawa Co. VIII (Bl).

CONOSOMA Kraatz.

C. basale Er. Terrebonne Co. (Hau).

C. crassum Grav. Terrebonne Co. (Hau); Montreal Isl. (O); Vaudreuil Co. (O); St. Johns Co. IV (Bl).

- C. littoreum** Linn. Montreal Isl. (O).
C. epicum Say. Vaudreuil Co. (O).
C. pubescens Payk. Montreal Isl. (O); Stanstead Co. IX (Bl).

BOLETOSIUS Leach.

- B. anticus** Horn. Laurentian Mts. Terrebonne Co. (O).
B. cincticollis Say. Terrebonne Co. (Hau).
B. cinctus Grav. Terrebonne Co. (Hau); Montreal Isl. (O); Vaudreuil Co. (C); Stanstead Co. IX (Bl).
B. exoletus Er. Laurentian Mts. Terrebonne Co. (O); Ottawa Co. IX (Bl).
B. intrusus Horn. Montreal Isl. (O); Ottawa Co. IX (Bl).
B. quassiter Horn. Laurentian Mts. Terrebonne Co. (O); Montreal Isl. (O).
B. trinotatus Er. Montreal Isl. (O).

MYOPORUS Kraatz.

- M. rufescens** Lec. Montreal Isl. (O); Vaudreuil Co. (O).

MYCETOPORUS Mann.

- M. americanus** Er. St. Johns Co. (C).
M. consors Lec. Montreal Isl. (O).
M. flavicollis Lec. Ottawa Co. VI (Bl).

OLISTHAERUS Haer.

- O. substriatus** Gyll. Ottawa Co. VI (Bl).

OXYPORUS Fabr.

- O. bicolor** Fauv. Laurentian Mts. Terrebonne Co. (O).
O. fasciatus Melsh. Montreal Isl. (O).
O. femoralis Grav. Montreal Isl. (O); Vaudreuil Co. (St); Ottawa Co. VI (Bl).
O. lateralis Grav. Montreal Isl. (O); Ottawa Co. VII (Bl).
O. major Grav. Montreal Isl. (O); Ottawa Co. X (Bl).
O. rufipennis Lec. St. Hyacinthe Co. (P).
O. stygius Say. Terrebonne Co. (Han); Ottawa Co. VI (Bl).
O. vittatus Grav. Laurentian Mts. Terrebonne Co. (O); Rouville Co. VI (C).

BLEDIUS Leach.

- B. armatus** Er. Ottawa Co. V (Bl).
B. basalis Lec. Jesus Isl. (C).
B. laticollis Lec. Ottawa Co. V (Bl).
B. semiferrugineus Lec. Montreal Isl. (O).

PLATYSTETHUS Mann.

- P. americanus** Er. Terrebonne Co. (Hau); Rouville Co. VI (C); Chambly Co. VII (C); Montreal Isl. VII (C).

OXYTELUS Grav.

- O. fuscipennis** Mann. Vaudreuil Co. (O).
O. insignitus Grav. Montreal Isl. (O).
O. laquaetus Marsh. Ottawa Co. IX (Bl).
O. nitidulus Grav. Laurentian Mts. Terrebonne Co. (O).
O. pennsylvanicus Er. Argenteuil Co. (D'Ur).
O. rugosus Grav. Montreal Isl. (O); Ottawa Co. VI (Bl).
O. sculptus Grav. Terrebonne Co. (Hau); Rouville Co. VII (C); Montreal Isl. (O); Ottawa Co. VI (Bl).

TROGOPHLOEUS Mann.

- T. quadripunctatus** Say. St. Johns Co. VII (C); Montreal Isl. (C).
T. memnonius Erich. Montreal Isl. V (C).

COPROPHILUS Er.

- C. striatulus** Fabr. Montreal Isl. (O).

ACIDOTA Steph.

- A. crenata** Fabr. Laurentian Mts. Terrebonne Co. (O); Chambly Co. (O).
A. subcarinata Er. Montreal Isl. (O).

ARPEDIUM Er.

- A. cribratum** Fauv. Montreal Isl. (C); Vaudreuil Co. (O).

OLOPHRUM Er.

- O. obtectum** Er. Montreal Isl. V (C).
O. retundicelle Sahlb. Laurentian Mts. Terrebonne Co. (O).

HOMALIUM Grav.

- H. humerosum** Fauv. Montreal Isl. (O); Ottawa Co. VII (Bl).
H. lapponicum Zett. Joliette Co. (O); Laurentian Mts. Terrebonne Co. (O); Montreal Isl. (O).
H. rufipes Fauv. Joliette Co. (O); Huntingdon Co. (O).

ANTHOBIUM Leach.

A. convexum Fauv. Rimouski Co. (O); Joliette Co. (O); Montreal Isl. (O).

MEGARTHURUS Steph.

M. americanus Sach. Laurentian Mts. Terrebonne Co. (O).

GLYPTOMA Er.

G. costale Er. Montreal Isl. (O).

TRIGA Fauv.

T. picipennis Lec. Rouville Co. (C); Vaudreuil Co. (C)

MICROPEPLUS Lat.

M. tessera Curt. Montreal Isl. (O).

Family TRICHOPTERYGIDAE

Very small insects found in decaying vegetable matter.

PTENIDIUM Er.

P. pusillum Gyll. Montreal Isl. (O).

TRICHOPTERYX Kirby.

T. haldemanni Lec. Montreal Isl. (O).

Family SCAPHIDIIDAE

These insects live in fungi, rotten wood, etc.

SCAPHIDIUM Oliv.

S. quadriguttatum Say. Terrebonne Co. (Hau); Rouville Co. V (C); Montreal Isl. IV (C).

SCAPHISOMA Leach.

S. convexa Say. Laurentian Mts. Terrebonne Co. (O); Montreal Isl. (Be).

S. suturalis Lec. Montreal Isl. (O).

Family PHALACRIDAE

Small beetles, very convex in shape, found on flowers, under bark and sometimes under stones.

PHALACRUS Payk.

P. ovalis Lec. Vaudreuil Co. (O).

P. politus Melsh. Vaudreuil Co. (O).

P. pumilio Lec. Huntingdon Co. (O).

OLIBRUS Er.

O. pallipes Say. Terrebonne Co. (Hau); Rouville Co. VII (C); St. Johns Co. VII (C); Montreal Isl. VII-VIII (C).

O. semistriatus Lec. Montreal Isl. VII (C).

ACYLONUS Sharp.

A. ergoti Casey. Montreal Isl. IV (C).

EUSTILBUS Sharp.

E. apicalis Melsh. St. Johns Co. VI (C); Montreal Isl. IV (C).

E. nitidus Melsh. Terrebonne Co. (Hau); Montreal Isl. IV (C).

Family CORYLOPHIDAE

Very small insects varying in shape and living in decaying vegetation.

SACIUM Lec.

S. lugubre Lec. Montreal Isl. (O).

S. lunatum Lec. Montreal Isl. (O).

SERICODERUS Steph.

S. flavus Lec. Montreal Isl. (O).

ORTHOPERUS Lec.

O. glaber Lec. Montreal Isl. (O).

Family COCCINELLIDAE

The insects of this family are commonly known as "lady-birds" or "lady-bugs"; they are more or less hemispherical and convex in shape; many are prettily marked with black spots. They feed on plant lice and are greatly beneficial.

ANISOSTICTA Dup.

A. striata Thunb. Terrebonne Co. (Hau); Rouville Co. V (C); Montreal Isl. V-VI (V); Vaudreuil Co. (O).

MEGILLA Muls.

M. maculata DeG. Levis Co. (Fy); Vaudreuil Co. (Be).

HIPPODAMIA Muls.

H. convergens Guér. Montreal Isl. IX (C).

H. glacialis Fabr. St. Johns Co. (C).

H. parenthesis Say. Terrebonne Co. (Hau); Brome Co. (W); St. Hyacinthe Co. VII (C); Rouville Co. VI (C); Montreal and Jesus Isl. IV-IX (C); Two Mountains Co. VI (C).

H. 12-punctata Linn. Terrebonne Co. (Hau); Montreal Isl. IV-IX (C); Vaudreuil Co. V-VII (C); Argenteuil Co. VI (Ly).

COCCINELLA Linn.

C. novemnotata Hbst. Matane Co. (Bell); Terrebonne Co. (Hau); Rouville Co. VI (C); Brome Co. VII (W); St. Johns Co. V-VII (C); Montreal and Jesus Isl. V-VIII (C); Vaudreuil Co. VI (C).

C. sanguinea Linn. Terrebonne Co. (Hau); Sherbrooke Co. V (C); Montreal Isl. VI (C).

C. transversoguttata Fabr. Levis Co. (Fy); Laurentian Mts. Terrebonne Co. VII (C); Sherbrooke Co. V (C); Brome Co. VIII (M); Rouville Co. V (C); Montreal and Jesus Isl. VII-VIII (C); Vaudreuil Co. VII (C).

C. tricuspis Kirby. Brome Co. VIII (M); Montreal Isl. VI (C); Vaudreuil Co. VII (St).

C. trifasciata Linn. Rimouski Co. VII (C); Levis Co. (Fy); Laurentian Mts. Terrebonne Co. VII (C); Brome Co. VIII (M); Montreal Isl. V-VIII (C).

ADALIA Muls.

A. bipunctata Linn. Rimouski Co. VII (C); Levis Co. (Fy); Laurentian Mts. Terrebonne Co. VII (C); Rouville Co. V-VII (C); Montreal and Jesus Isl. IV-X (C); Argenteuil Co. VI (C).

A. frigida Schn. Isl. of Orleans (Hm); Brome Co. VII (W); Terrebonne Co. (Hau); Chambly Co. VII (C); St. Johns Co. VI (C); Montreal Isl. VI (C).

A. humeralis Say. Rouville Co. VI (Be); Ottawa Co. V (Be);

HARMONIA Muls.

H. 12-maculata Gebl. Portneuf Co. (P); Joliette Co. (O); Montreal Isl. (O).

H. 14-guttata Linn. Joliette Co. (O); Laurentian Mts. Terrebonne Co. (O); Huntingdon Co. (O)

var. *similis* Rand.

Huntingdon Co. (O).

H. picta Rand. Terrebonne Co. (Hau).

MYSIA Muls.

M. pullata Say. Gaspé Co. IX (Y); Rimouski Co. VII (J); Vaudreuil Co. (O).

ANATIS Muls.

- A. ecollata** Linn. Terrebonne Co. (Hau); Brome Co. VII (W); Rouville Co. VI (C); Montreal Isl. VI-VIII (C); Vaudreuil Co. (St); Hull, Ottawa Co. (H).

PSYLLONORA Muls.

- P. 28-maculata** Say. Levis Co. (Fy); St. Johns Co. VI (C); Rouville Co. VI-VII (C); Montreal and Jesus Isl. VII (C); Vaudreuil Co. VI (C).

CHILOSORUS Leach.

- C. bivulnerus** Muls. Levis Co. (Fy); Terrebonne Co. (Hau); Chambly Co. V (C); Rouville Co. VII (C); Montreal Isl. V-VII (C); Two Mountains Co. VI (C).

BRACHYACANTHA Chev.

- B. 10-pustulata** Melsh. Terrebonne Co. (Hau); Chambly Co. (St).
B. ursina Fabr. Levis Co. (Fy); Brome Co. VIII (W); Terrebonne Co. (Hau); Rouville Co. VI VII (C); Montreal Isl. VI-VII (C); Two Mountains Co. VI (C).

HYPERASPIS Chev.

- H. fimbriolata** Melsh. St. Hyacinthe Co. VI (C); Montreal V-VI (C).
H. lugubris Rand. Montreal Isl. (O).
H. preba Say. St. Johns Co. VI (C); Montreal Isl. (O)
H. signata Oliv. Terrebonne Co. (Hau); Rouville Co. VI (C); Montreal Is. (O).
H. undulata Say. Montreal Isl. V (C).

SCYMNUS Kug.

- S. americanus** Muls. Montreal Isl. (O).
S. brullei Muls. St. Johns Co. (C).
S. caudalis Lec. Terrebonne Co. (Hau).
S. collaris Melsh. Rouville Co. V (C); Montreal Isl. V (C).
S. fraternus Lec. Montreal Isl. (O); Vaudreuil Co. VI (C).
S. haemorrhous Lec. Vaudreuil Co. VI (C).
S. punctum Lec. Montreal Isl. (O).
S. puncticollis Lec. Rouville Co. V (C); Montreal Isl. V-VI (C); Vaudreuil Co. V (C).
S. tenebrosus Muls. Rouville Co. VII-VIII (C); Montreal Isl. V-VII (C).
S. terminatus Say. Montreal Isl. VII (C).

COCCIDULA Kug.

- C. lepida** Lec. Huntingdon Co. (O).

Family ENDOMYCH DAE

The insects belonging to this family feed on fungi in both larval and adult stages. They are small or medium in size, with reddish spots or bands.

MYCETAEA Steph.

M. hirta Marsh. Montreal Isl. (O); Laval Co. VIII (Be).

PHYMAPHORA Newm.

P. pulchella Newm. Terrebonne Co. (Hau); Montreal Isl. VIII-IX (C).

MYCETINA Muls.

M. porpulchra Newm. Portneuf Co. (P); Montreal Isl. (Be).

LYCOPERDINA Latr.

L. ferruginea Lec. Montreal Isl. IV-IX (C).

ENDOMYCHUS Panz.

E. biguttatus Say. Terrebonne Co. (Hau); St. Hyacinthe Co. VII (C); Rouville Co. VII (C); Montreal Isl. VI-VII (C); Vaudreuil Co. VI (C).

Family EROTYLIDAE

These beetles are also feeders in fungus with the exception of *Languria* which lives in the stems of plants. They are of medium or large size, generally with reddish markings.

LANGURIA Latr

L. mozardi Lat. Montreal Isl. (O).

DACNE Latr.

D. quadrimaculata Say. Rouville Co. VI (C); Vaudreuil Co. (O). Montreal Isl. VI (Be).

MEGALODACNE Cr.

M. fasciata Fabr. Rouville Co. VI (C); Vaudreuil Co. (O).

ISCHYRUS Lac.

I. quadripunctatus Oliv. Vaudreuil Co. (O).

MYCOTRETUS Lec.

M. dissimulatus Cr. Montreal Isl. (O).

M. pulchrus Say. Rouville Co. VI (C); Montreal Isl. VI (C); Laval Co. VIII (Be).

TRITOMA Fabr.

T. biguttata Say. Montreal Isl. VI (C).

T. flavicollis Lec. Montreal Isl. VI (C).

T. humeralis Fabr. St. Johns Co. VII (C).

T. thoracicus Say. Terrebonne Co. (Hau); Brome Co. VII (W); Rouville Co. V₂(C); Vaudreuil Co. VI (C).

Family COLYDIIDAE

Small brownish insects found under the bark of dying or dead trees.

SYNCHITA Heliw.

S. fuliginosa Melsh. Montreal Isl. V (C); Two Mountains Co. VI (C).

S. granulata Say. Montreal Isl. (O).

DITOMA Ill.

D. quadriguttata Say. Rouville Co. (C).

CERYLON Latr.

C. castaneum Say. Rouville Co. VI (C); St. Johns Co. V (C); Jesus Isl. VI (C); Vaudreuil Co. VI (St).

PHILOTHERMUS Aubé.

P. glabriculus Lec. Rouville Co. VI-VII (C); Montreal Isl. V (C).

Family RHYSSODIDAE

Long slender beetles generally found under bark.

CLINIDIUM Kirby.

C. sculptile Newm. Montreal Isl. (O).

Family CUCUJIDAE

This family is composed of flat and narrow beetles living under bark. *Silvanus surinamensis* lives in stored grain, dried fruits, etc., and is often very destructive.

SILVANUS Latr.

- S. bidentatus* Fabr. Montreal Isl. VI (C); Vaudreuil Co. V (C).
S. imbellis Lec. Montreal Isl. V-VI (C).
S. planatus Lec. Terrebonne Co. (Hau); Rouville Co. V (C).
S. surinamensis Linn. Montreal, in stored beans (C).

CATHARTUS Reich.

- C. advena* Waltl. Montreal Isl. (C).

NAUSIBIUS Redt.

- N. dentatus* Marsh. Terrebonne Co. (Hau); Montreal Isl. (C).

CATOGENUS Westw.

- C. rufus* Fabr. Rouville Co. (Be).

PEDIACUS Shuck.

- P. depressus* Hbst. Montreal Isl. (O).
P. fuscus Er. Terrebonne Co. (Hau); Montreal Isl. Argenteuil Co. (D'Ur).

CUCUJUS Fabr.

- C. clavipes* Fabr. Rouville Co. V (C); St. Johns Co. VI (C); Montreal Isl. VI (C); Argenteuil Co. (D'Ur).

LAEMOPHAEUS Lap.

- L. adustus* Lec. Chambly Co. (O); St. Johns Co. VI (C); Montreal Isl. VI (C).
L. biguttatus Say. Terrebonne Co. (Hau); Sherbrooke Co. Be); Montreal Isl. VI (C); Vaudreuil Co. VII (C).
L. fasciatus Melsh. Terrebonne Co. (Hau).
L. testaceus Fabr. Rouville Co. V (C); Montreal Isl. (O).

DENDROPHAGUS Sch.

- D. glaber* Lec. Levis Co. (Ro); Montreal Isl. (Be).

BRONTES Fabr.

- B. debilis* Lec. Montreal Isl. (Be).

TELEPHANUS Er.

- T. velox* Hald. Montreal Isl. V (C)

Family CRYPTOPHAGIDAE

Small beetles found generally in fungi and decaying vegetable matter.

TELMATOPHILUS Hbst.

T. americanus Lec. Montreal Isl. (O); Vaudreuil Co. (O).

LOBERUS Lec.

L. impressus Lec. Montreal Isl. (O).

TOMARIUS Lec.

T. pulchellus Lec. Montreal Isl. VI (C).

ANTHEROPHAGUS Lat.

A. convexulus Lec. Vaudreuil Co. (O).

A. ochraceus Melsh. Terrebonne Co. (Hau); Rouville Co. VI (C); Jesus Isl. VI (St); Vaudreuil Co. VII (C).

HENOTICUS Thom.

H. serratus Gyll. Montreal Isl. (C).

CRYPTOPHAGUS Hbst.

C. cellaris Scop. Terrebonne Co. (Hau); Montreal Isl. (C).

C. quadridentatus Makl. St. John's Co. (C).

COENOSCELIS Thom.

C. ferruginea Sahlb. Montreal Isl. (O).

ATOMARIA Steph.

A. ephippiata Zimm. Rouville Co. V (C); Montreal Isl. IV-V (C).

A. ochracea Zimm. Montreal Isl. (O).

Family MYCETOPHAGIDAE

A family containing beetles of small or moderate size, with yellowish markings. They are found under bark and in fungi.

MYCETOPHAGUS Hbst.

M. bipustulatus Melsh. Montreal Isl. V (C).

M. flexuosus Say. Terrebonne Co. (Hau); Rouville Co. VII (C); St. John's Co. VI (C); Montreal Isl. IV-VI (C); Vaudreuil Co. V (C).

M. pluriguttatus Lec. Rouville Co. VI (C).

M. pluripunctatus Lec. Sherbrooke Co. (Be.); Vaudreuil Co. V (C).

M. punctatus Say. Terrebonne Co. (Hau); Chambly Co. VI (C); Vaudreuil Co. V (C).

LITARGUS Er.

L. sexpunctatus Say. Vaudreuil Co. (O).

L. tetraspilatus Lec. Montreal Isl. (C).

TYPHOEA Steph.

T. fumata Linn. Montreal Isl. (O).

Family DERMESTIDAE

The insects of this family are small or medium in size, black, more or less covered with whitish hair or scales. They feed in all stages on stored animal and vegetable products and are very destructive. Some species are found on the carcasses of dead animals after the soft parts have disappeared; others occur in abundance on flowers. They are a great pest to entomological collections.

BYTURUS Latr.

B. unicolor Say. Rimouski Co. VII (C); Portneuf Co. (P); Terrebonne Co. (Hau); Montreal Isl. VI (C); Vaudreuil Co. VI (C).

DERMESTES Linn.

D. caninus Germ. St. Johns Co. (C); Montreal Isl. VI (C).

D. lardarius Linn. Every where in the province; in houses, on stored provisions, etc.

D. vulpinus Fabr. Sherbrooke Co. (Beg); Montreal Isl. VII (C).

ATTAGENUS Latr.

A. piceus Oliv. Occurs in houses; attacks wooleens, carpets, etc.

TROGODERMA Latr.

T. tarsale Melsh. Montreal Isl. (C).

ANTHRENUS Geoffr.

A. muscorum Linn. Terrebonne Co. (Hau); Stanstead Co. (M); Montreal Isl. VII (C); Vaudreuil Co. (O); Argenteuil Co. (D'U).

A. scrophulariae Linn. St. Johns Co. VI (C).

A. verbasci Linn. (*varius* Fabr.) Montreal Isl. (Be).

Family HISTERIDAE

This family is composed of black shining, short, chunky beetles having the elytra truncate behind. They live in excrement and in decomposing animal and vegetable substances; some are flattened and are found under bark. They are small to moderate in size.

HISTER Linn.

H. abbreviatus Fabr. Sherbrooke Co. (C) Terrebonne Co. (Hau); Montreal Isl. V-VI (C); Vaudreuil Co. VI (C).

H. aequus Lec. Montreal Isl. (Be).

H. americanus Payk. Terrebonne Co. (Hau); Chambly Co. VII (C).

H. bimaculatus Linn. St. Johns Co. VI (C); Montreal Isl. IV (C).

H. coarctatus Lec. Montreal Isl. (O).

H. cognatus Lec. St. Hyacinthe Co. VI (C); Rouville Co. V (C); Montreal Isl. (O); Jesus Isl. VI (St).

H. depuratus Say. St. Johns Co. VI (C).

H. dispar Lec. Montreal Isl. VII (C); Vaudreuil Co. (O).

H. fedatus Lec. Levis Co. (Fy); Rouville Co. V (C); St. Johns Co. VI (C).

H. harriall Kirby. Montreal Isl. (O).

H. interruptus Beauv. Levis Co. (Fy); Terrebonne Co. (Hau); Chambly Co. V (C); (Fy). Montreal Isl. VII (C).

H. lecontei Mars. Rouville Co. VI (C); Chambly Co. VI (C); Montreal and Jesus Isl. V-VII (C); Two Mountains Co; VI (C).

H. marginicollis Lec. Rouville Co. VI (C); Montreal V (C).

H. merdarius Hoffm. Terrebonne Co; (Hau), Montreal Isl. VII (C).

H. planipes Lec. Montreal Isl. (O).

H. sedecimstriatus Say. Rouville Co. VIII (C).

H. subrotundus Say. Montreal Isl. (O).

DENDROPHILUS Leach.

D. punctulatus Say. Montreal Isl. (O).

PAROMALUS Er.

P. aequalis Say. Rouville Co. V (C).

SAPRINUS Er.

S. assimilis Payk. St. Johns Co. VII (C); Montreal Isl. (C).

S. confinis Lec. Chateaugay Co. VII (C).

S. fraternus Say. Joliette Co. (O).

PLEGADERUS Er.

P. sayi Mars. Montreal Isl. (O).

P. transversus Say. Portneuf Co. (P); Montreal Isl. (Be).

Family NITIDULIDAE

Beetles of small or medium size, generally more or less flattened, the elytra truncate apex leaving the tip of the abdomen exposed. Some species are convex and the elytra complete. They live in fungi, dry animal matter, under bark and in fermenting sap.

BRACHYPTERUS Er.

B. urticae Fabr. Montreal Isl. VI-VII on Nettle (C); Vaudreuil Co. VII (M).

CERCUS Latr.

C. abdominalis Er. Terrebonne Co. (O) Montreal Isl. (Be).

C. pennatus Murr. Terrebonne Co. (Hau); Rouville Co. V (C); Vaudreuil Co. (O).

CARPOPHILUS Steph.

C. brachypterus Say. Montreal Isl. (C); Vaudreuil Co. (O).

C. corticinus Er. Vaudreuil Co. (O).

C. niger Say. Terrebonne Co. (Hau); St. Johns Co. V (C); Chambly Co. VI (C); Montreal Isl. V (C); Vaudreuil Co. (O); Argenteuil Co. (D'Ur).

COLASTUS Er.

C. morio Er. St. Johns Co. (C).

C. truncatus Rand. Terrebonne Co. (Hau); Montreal (C).

CONOTELUS Er.

C. obscurus Er. Montreal Isl. VII (C); Vaudreuil Co. VI-VII (C); in the flowers of *Convolvulus* (C).

EPURAEA Er.

E. aestiva Linn. St. Hyacinthe Co. (P).

E. ambiguus Mühl. Chicoutimi Co. (P).

E. avara Rand. Terrebonne Co. (Hau); Rouville Co. V (C); Montreal Isl. IV-V (C).

E. corticinus Er. Vaudreuil Co. (O).

E. labilis Er. Chambly Co. V (C); Montreal Isl. VI (C).

E. rufa Say. Terrebonne Co. (Hau); St. Johns Co. VI (C); Montreal Isl. V-VI (C).

E. truncatella Mann. Montreal Isl. IV (C).

NITIDULA Fabr.

N. bipustulata Linn. Terrebonne Co. (Hau); St. Hyacinthe Co. VI (C); Jesus Isl. VI (C); Vaudreuil Co. VII (C).

N. rufipes Linn. Rimouski Co. VII (C); Rouville Co. VI (C); Montreal Isl. V-VII (C); Two Mountains Co. VI (C).

STELIDOTA Er.

- S. geminata** Say. St. Johns Co. V (C).
S. octomaculata Say. Chambly Co. V (C); St. Johns Co. IX (C); Montreal Isl. V-VI (C).

PROMETOPIA Er.

- P. sexmaculata** Say. Rouville Co. V (C); Montreal Isl. (O).

PHENOLIA Er.

- P. grossa** Fabr. Terrebonne Co. (Hau); Chambly Co. VII (Be); Rouville Co. VI-VII (C).

OMOSITA Er.

- O. colon** Linn. Matane Co. (Bell); Rimouski Co. (Bell); Terrebonne Co. (Hau); St. Johns Co. VII (C); Montreal and Jesus Isl. V-VIII (C); Two Mountains Co. VI (C).
O. discoides Fabr. Terrebonne Co. (Hau); St. Johns Co. VI (C); Montreal Isl. (O).

SORONIA Er.

- S. undulata** Say. Rouville Co. V (C); Montreal Isl. VI (C).

POCADIUS Er.

- P. helvelius** Er. Rouville Co. (C).

PALLODES Er.

- P. pallidus** Beauv. Vaudreuil Co. (St).

CYCHRAMUS Kug.

- C. adustus** Er. Montreal Isl. (Be); Vaudreuil Co. (O).

CRYPTARCHA Shuck.

- C. ampla** Er. Terrebonne Co. (Hau); Rouville Co. V (C); Montreal Isl. IV (C); Vaudreuil Co. V (C).
C. concinna Melsh. 'Montreal Isl. (O).

IPS Fabr.

- I. confluentus** Say. St. Hyacinthe Co. (P); Terrebonne Co. (Hau); Montreal Isl. IV (Be).
I. fasciatus Oliv. Terrebonne Co. (Hau); Rouville Co. V (C); Montreal and Jesus Isl. IV-VII (C); Vaudreuil Co. V (C); Argenteuil Co. (Bell).
I. sanguinolentus Oliv. Levis Co. (Fy); Terrebonne Co. (Hau); Montreal Isl. IV. (C); Vaudreuil Co. V (C).
I. vittatus Say. Montreal Isl. (O).

RHIZOPHAGUS Hbst

- R. bipunctatus* Say. Montreal (O).
R. brunneus Horn. Montreal Isl. IV (C).
R. dimidiatus Mann. Montreal Isl. IV (C).
R. remotus Lec. Rouville Co. V (C); Montreal Isl. (O).
R. sculpturatus Mann. Montreal Isl. VI (C).

Family LATRIDIDAE

Very small insects, brownish in color. They live in vegetable refuse, under bark, etc.

STEPHOSTETHUS Lec.

- S. hirtus* Lec. Portneuf Co. (P); Montreal Isl. (C).

LATRIDIUS Hbst.

- L. sterrinus* Mots. Montreal Isl. (O).
L. minutus Linn. Montreal Isl. (O).

CORTICARIA Marsh.

- C. americana* Mann. Montreal Isl. (O).
C. cavicollis Mann. Terrebonne Co. (Hau); Montreal Isl. (O).
C. deleta Mann. Rouville Co. V (C); Montreal Isl. V (C).
C. dentigera Lec. Montreal Isl. (O).
C. distinguenda Com. Montreal Isl. (O).
C. grossa Lec. Terrebonne Co. (Hau); Chambly Co. VII (C).
C. pusilla Mann. Terrebonne Co. (Hau).
C. serrata Payk. Laurentian Mts. Terrebonne Co. (O); Montreal Isl. (O).
C. villosa Zimm. Montreal Isl. (O).

Family TROGOSITIDAE

The insects composing this family are generally flat and live under bark; some inhabit granaries, stores, etc.

TENEBRIOIDES Fall.

- T. americana* Kirby. Rouville Co. V-VI (C); Montreal Isl. VI (C); Vaudreuil Co. (O).
T. corticis Melsh. Terrebonne Co. (Han); Rouville Co. (C); Montreal Isl. (O).
T. mauritanica Linn. Montreal Isl. (VIII) (Be).

PELTIS Hb.

P. ferruginea Linn. Terrebonne Co. (Hau); Montreal Isl. V (C).

CALITYS Thom.

C. scabra Thunb. Levis Co. (Fy); Laurentian Mts., Terrebonne Co. (O); Montreal Isl. (O).

GRYNOCHARIS Thom.

G. quadrilineata Melsh. Terrebonne Co. (Hau); Chambly Co. IV (C).

THYMALUS Duft.

T. fulgidus Er. Montreal Isl. VII (C); Vaudreuil Co. VII (C).

MONOTOMA Hbst.

M. americana Aubé. Montreal Isl. (O).

M. fulvipes Melsh. Montreal Isl. (O).

M. parallelia Lec. Montreal Isl. VI (C).

M. picipes Hbst. Montreal Isl. (O).

BACTRIDIMUM Lec.

B. ephippigerum Guér. Montreal Isl. (O).

Family BYRRHIDAE

Beetles of small or medium size, convex, black, with a close silky pubescence. The legs are very contractile and can be folded close to the body so as to be practically invisible.

CYTILUS Er.

C. sericeus Forst. St. Hyacinthe Co. VII (C); Rouville Co. V-VI (C); Montreal Isl. VI (C); Argenteuil Co. (Bell).

C. trivittatus Mels. Gaspé Co. V (Hm); Terrebonne Co. (Hau); Montreal Isl. VI (C).

BYRRHUS Linn.

B. americanus Lec. Levis Co. (Fy); Terrebonne Co. (Hau); St. Johns Co. V (C); Brome Co. VII (W).

B. pettitu Horn. Vaudreuil Co. VII (C); Montreal Isl. VI (W); Labelle Co. VII (Adams).

SYNCALYPTA Steph.

S. echinata Lec. Montreal Isl. (O).

LIMNICHUS Lat.

L. punctatus Lec. St. Johns Co. (C).

Family PARNIDAE

These beetles live in running water and have long legs not fitted for swimming; they are found clinging to the underside of stones or wood debris.

PSEPHENUS Hald.

P. lecontei Lec. Stanstead Co. (M); Rouville Co. VI (C); Montreal Isl. (Be).

DRYOPS Oliv.

D. fastigiatus Say. Terrebonne Co. (Hau); Montreal Isl. (O).

D. lithophilus Germ. Montreal Isl. (O).

D. striatus Lec. Jesus Isl. VII (C).

D. suturalis Lec. Montreal Isl. (O).

ELMIS Lat.

E. bivittatus Lec. Montreal Isl. (Be).

E. pusillus Lec. Montreal Isl. (C).

E. quadrinotatus Say. Montreal Isl. (O).

STENELMIS Dup.

S. bicarinatus Lec. St. Johns Co. VII (C).

S. crenatus Say. Rouville Co. VI (C).

MACRONYCHUS Mull.

M. glabratus Say. Montreal Isl. (C).

Family HETEROCERIDAE

The species of this family are yellowish in color, mottled with blackish spots and densely clothed with short silken pubescence. They live in galleries they make in the sand or in the mud near streams or ponds.

HETEROCERUS Fabr.

H. brunneus Mels. St. Johns Co. VI (C); Montreal Isl. VII (C).

H. tristis Mann. Montreal Isl. (O).

H. undatus Mels. Montreal Isl. VI (C).

Family DASYLLIDAE

Small, oval species found on herbage in low lands, near swamps or under dead leaves; they are black or more or less yellowish in color.

MACROPOGON Mots.

M. rufipes Horn. Vaudreuil Co. (O).

EURYPOGON Mots.

E. niger Melsh. Montreal Isl. VI (C); Vaudreuil Co. (O).

ANCHYTARSUS Guér.

A. bicolor Melsh. Terrebonne Co. (Hau).

PTILODACTYLA Lat.

P. serricornis Say. Joliette Co. (O).

EUCINETUS Germ.

E. terminalis Lec. Montreal Isl. VIII (C); Vaudreuil Co. VII (C).

E. testaceus Lec. St. Johns Co. V (C).

ECTOPRIA Lec.

E. nervosa Melsh. Stanstead Co. VII (M); Rouville Co. VII (C).

FRIONOCYPHON Redt.

F. discoides Say. Laurentian Mts. Terrebonne Co. (O); Montreal Isl. (O).

MICROCARA Thom.

M. explanata Lec. Montreal Isl. IX (C).

HELODES Lat.

H. maculicollis Horn. Chicoutimi Co. (P); Rouville Co. VI (C).

H. pulchellus Guér. Montreal Isl. (O).

H. thoracica Guér. Montreal Isl. (Be).

SCIIRTES III.

S. orbiculatus Fabr. Montreal Isl. (O); Hull, Ottawa Co. (H).

S. tibialis Guér. Terrebonne Co. (Hau); Montreal Isl. VII (C).

CYPHON Payk.

- C. obscurus** Guér. Montreal Isl. (C).
C. pedi Lin. Montreal Isl. IX (Be).
C. ruficollis Say. Montreal Isl. V-VI (C).
C. variabilis Taunb. Terrebonne Co. (Hau); Montreal Isl. VIII (C).

Family ELATERIDAE

The insects belonging to this large family are commonly known as "click beetles" because of their power of springing up into the air when placed on their back. In general, they are of moderate or large size, broadest at the base of the elytra and tapering posteriorly; they are brown, black or yellowish, spotted or banded, sometimes more or less metallic. The larvae are known as "wire-worms" and a good many live in rotten wood while others feed on the roots of growing plants and are often injurious.

THAROPS Lap.

- T. ruficornis** Say. Montreal Isl. (O); Vaudreuil Co. (O).

STETHON Lec.

- S. pectoratus** Lec. Montreal Isl. VII (C).

DELTOMETOPUS Bern.

- D. amoenicornis** Say. Stanstead Co. VIII (M); Rouville Co. VI (C); St. Johns Co. VII (C); Montreal Isl. VI-VII (C); Vaudreuil Co. VI (St).

DROMAEOLUS Klee.

- D. cylindricollis** Say. Laurentian Mts. Terrebonne Co. (O); St. Johns Co. VII (C).
D. striatus Lec. Rouville Co. VI (C).

FORNAX Lap.

- F. hadius** Melsh. Ottawa Co. VI (Be).
F. orchosides Newm. Montreal Isl. VI, in rotten wood. (C); Vaudreuil Co. VII, in old stump (St).

MICRORRHAGUS Esch.

- M. humeralis** Say. St. Johns Co. VII (C).
M. subsinuatus Sec. Montreal Isl. VI (C).
M. triangularis Say. Stanstead Co. VII (M); Rouville Co. VI-VII (C); Montreal Isl. VII (C); Two Mountains Co. VI (C).

NEMATODES Lat.

N. penetrans Lec. Vaudreuil Co. (O).

EPIPHANIS Esch.

E. cornutus Esch. Vaudreuil Co. (O).

ADELOCERA Latr.

A. aurorata Lec. Rouville Co. VI (C).

A. brevicornis Lec. Matane Co. VII (W); Terrebonne Co. (Hau); Rouville Co. V (C); St. Johns Co. VI (C); Vaudreuil Co. V (C).

A. macronotata Fabr. Terrebonne Co. (Hau).

A. obtusa Say. St. Johns Co. VI (C); Montreal Isl. VII (C); Vaudreuil Co. VII (C); Two Mountains Co. VI (C).

ALAUS Esch.

A. myops Fabr. Rouville Co. V (C); St. Johns Co. VI (C); Vaudreuil Co. VI (C).

A. oculatus Linn. Joliette Co. VII (Bl); Terrebonne Co. (Hau); Rouville Co. V (C); Montreal Isl. V-VI (C); Vaudreuil Co. VI (C).

CARDIOPHORUS Esch.

C. convexus Lec. Terrebonne Co. (Hau); Montreal Isl. IV (C).

C. convexus Say. St. Johns Co. VI (C); Berthier Co. VI (Be).

C. fenestratus Lec. Montreal Isl. (O).

C. gagates Er. St. Johns Co. V (C); Jesus Isl. IV (C); Two Mountains Co. VI (C).

CRYPTOHYPNUS Esch.

C. abbreviatus Say. Rouville Co. V (C); St. Johns Co. V (C); Montreal Isl. IV (C); Argenteuil Co. (D'Ur).

HYPNOIDUS Steph.

H. exiguus Rand. Rouville Co. V (C); Montreal Isl. VI (Be).

H. pectoralis Say. Terrebonne Co. (Hau); Chambly Co. VI (C).

H. tumescens Lec. Chicoutimi Co. (P); Montreal Isl. VI (C).

OEDOSTETHUS Lec.

O. fomeralls Lec. Portneuf Co. (P); Montreal Isl. VII (Be).

MONOCREPIDIUS Esch.

M. auritus Hbst. Terrebonne Co. (Hau); St. Johns Co. (C); Montreal Isl. V (C).

M. bellus Say. Rouville Co. VI (C).

ELATER Linn.

- E. apicatus** Say. Levis Co. (Fy); Terrebonne Co. (Hau); Rouville Co. V (C); Montreal Isl. IV-IV (C); Vaudreuil Co. V (St).
E. discoides Fabr. St. Hyacinthe Co. (P).
E. hepaticus Melsh. Vaudreuil Co. (O); Montreal Isl. IV (Be).
E. luteus Say. Terrebonne Co. (Hau); Rouville Co. V (C); Chambly Co. V (C); Montreal Isl. IV-VI (C).
E. luctuosus Lec. Rouville Co. VII (C); Montreal Isl. (O).
E. mixtus Hbst. Rimouski Co. VII (C); Joliette Co. VII (O); Rouville Co. VI (C); Montreal Isl. VI-VII (C); Vaudreuil Co. VII (C).
E. nigricans Germ. Vaudreuil Co. (O).
E. nigrescens Hbst. Terrebonne Co. (Hau); Rouville Co. V (C); Montreal Isl. V-VI (C); Two Mountains Co. VI (C).
E. obliquus Say. Terrebonne Co. (Hau); Rouville Co. VI (C); Montreal Isl. VI (C).
E. pedalis Germ. Rouville Co. VII (C); Montreal Isl. VI-VIII (C).
E. pullus Germ. Joliette Co. (O); Rouville Co. (C).
E. rubricus Say. Levis Co. (Fy); Terrebonne Co. (Hau); Rouville Co. V-VII (C); Jesus Isl. V (C); Vaudreuil Co. V (C).
E. sanguinipennis Say. Montreal Isl. (O).
E. semicinctus Rand. Terrebonne Co. (Hau); Rouville Co. V (C); Montreal Isl. VI-VII (C).
E. secer Lec. Portneuf Co. (P); St. Hyacinthe Co. (P); Vaudreuil Co. (O).
E. vitiosus Lec. Rouville Co. V (C).

DRASTERIUS Esch.

- D. elegans** Fabr. Joliette Co. VII (Bl); St. Hyacinthe Co. V (C); St. Johns Co. V (C); Montreal Isl. IV-V (C).

MEGAPENTHES Kies.

- M. stigmatus** Lec. St. Hyacinthe Co. (P); Vaudreuil Co. VI (C).

LUDIUS Latr.

- L. abruptus** Say. St. Hyacinthe Co. VI (C); Vaudreuil Co. VI (C); Montreal Isl. VIII (Be).

AGRIOTES Esch.

- A. fuscus** Lec. Montreal Isl. V-VI (C); Vaudreuil Co. VII (C); Two Mountains Co. VI (C); Argenteuil Co. (D'Ur).
A. limosus Lec. Rimouski Co. (Be); Rouville Co. V (C).
A. mancus Say. Levis Co. (Fy); Terrebonne Co. (Hau); Rouville Co. V (C); St. Johns Co. VI (C); Montreal Isl. V-VI (C).
A. oblongicollis Melsh. Rouville Co. V (C).

A. pubescens Melsh. Matane Co. VII (W); Terrebonne Co. (Hau); Rouville Co. VI (C); Montreal Isl. VI (C); Vaudreuil Co. V-VII (C).

A. stabilis Lec. Rouville Co. V-VII (C); Montreal Isl. VI (C); Two Mountains Co. VI (C); Argenteuil Co. (D'Ur).

DOLOPIUS Esch.

D. lateralis Esch. Rimouski Co. VII (C); Terrebonne Co. (Hau); St. Hyacinthe Co. VI (C); Rouville Co. V-VI (C); Montreal and Jesus Isl. VI (C); Vaudreuil Co. VI (C), Two Mountains Co. VI (C).

BETARMON Kles.

B. bigeminatus Rand. Vaudreuil Co. V-VII (C).

MELANOTUS Esch.

M. castanipes Payk. Portneuf Co. (P), Rouville Co. VI (C), Montreal Isl. V-VI (C).

M. communis Gyll. Terrebonne Co. (Hau), St. Hyacinthe Co. VI (C); Montreal Isl. VI (C); Vaudreuil Co. VI (C).

M. decumanus Erich. St. Johns Co. VI (C).

M. dubius Lec. St. Johns Co. VII (C).

M. flexilis Say. Terrebonne Co. (Hau); Rouville Co. VI (C); Chambly Co. V (St); Montreal and Jesus Isl. V-VII (C); Vaudreuil Co. V-VII (C).

M. leonardi Lec. Portneuf Co. (P); Terrebonne Co. (Hau); Rouville Co. V (C); Vaudreuil Co. VII (C).

M. sagittarius Lec. Montreal Isl. (C).

LIMONIUS Esch.

L. aeger Lec. Vaudreuil Co. (O).

L. aurifer Lec. Terrebonne Co. (Hau); Rouville Co. V (St); Vaudreuil Co. (O).

L. auripilis Say. Vaudreuil Co. (O).

L. basilaris Say. Terrebonne Co. (Hau),

L. confusus Lec. Terrebonne Co. (Hau); St. Hyacinthe Co. (P); Rouville Co. V (C).

L. plebeius Say. Montreal Isl. (O).

L. quercinus Say. Terrebonne Co. (Hau); Rouville Co. V (C); Vaudreuil Co. (O).

L. stigma Hbst. Terrebonne Co. (Hau); Vaudreuil Co. (O).

L. subauratus Lec. Sherbrooke Co. (Bégin).

CAMPYLUS Fisch.

C. denticornis Kirby. 'Levis Co. (Roy); Laurentian Mts., Terrebonne Co. VI (C); Montreal Isl. VI (C).

PITYOBIOUS Lec.

P. angulinus Lec. Laurentian Mts., Terrebonne Co. VII (St); St. Hyacinthe Co. (P); St. Johns VI, in pine stumps (C).

ATHOUS Each.

- A. acanthus* Say. Rouville Co. VI (C); St. John's Co. VII (C); Montreal Isl. (Be).
A. brightwelli Kirby. Brome Co. VII (W); Terrebonne Co. (Hau); Rouville Co. VI (C); Vaudreuil Co. VI (C).
A. cucullatus Say. St. John's Co. VII (C); Vaudreuil Co. (O).
A. fuscularis Lec. Montreal Isl. (O); Vaudreuil Co. VII (C).
A. ruficornis Rand. Matane Co. VII (W); Terrebonne Co. (Hau); Rouville Co. VII (C); Vaudreuil Co. (O).
A. scapularis Say. Vaudreuil Co. VII (C).

LEPTOSCHEDIA Horn.

- L. discalceatum* Say. Ottawa Co. VIII (Be).

OESTODES Lec.

- O. tenuicollis* Rand. Quebec (Hm); Terrebonne Co. (Hau); Rouville Co. VI-VII (C).

PERICUS Each.

- P. honestus* Rand. Rouville Co. VII (C); Vaudreuil Co. (C).
P. incongruus Sec. Terrebonne Co. (Hau); Vaudreuil Co. (O).
P. silaceus Say. Terrebonne Co. (Hau); Vaudreuil Co. V (C).

CORYMBITES Latr.

- C. acripennis* Kirby. Rimouski Co. VII (C); Isl. d'Orleans V (Hm); Levis Co. (Fy); St. John's Co. VII (C).
C. aratus Lec. Montreal Isl. (C).
C. cruciatus Linn. Levis Co. VII (C); Terrebonne Co. (Hau); Rouville Co. VI (C); St. John's Co. VI (C); Jesus Isl. V. (C); Vaudreuil Co. (O).
C. cylindricornis Hbst. Levis Co. (Fy); Terrebonne Co. (Hau); Montreal Isl. IV-V (C); Vaudreuil Co. V (C).
C. falsiflucis Lec. Terrebonne Co. (Hau); Vaudreuil Co. (O).
C. fulvipes Bland. Sherbrooke Co. (Be); Vaudreuil Co. (O).
C. hamatus Say. Terrebonne Co. (Hau); Rouville Co. V (C).
C. hieroglyphicus Say. Levis Co. VII (C); Terrebonne Co. (Hau); Rouville Co. V-VI (C); Montreal Isl. VI (C); Two Mountains Co. VI (C).
C. inflatus Say. Rouville Co. VI (C); Vaudreuil Co. VI (C).
C. insidiosus Lec. Vaudreuil Co. (C).
C. medianus Germ. Rouville Co. V (C); Two Mountains Co. VI (C).
C. resplendens Each. Quebec VI (Hm).
C. spinosus Lec. Levis Co. (Roy); Vaudreuil Co. (O).
C. splendens Ziegl. Montreal Isl. (O).
C. sulcifrons Say. Terrebonne Co. (Hau).

- C. tarsalis* Melsh. Laurentian Mts., Terrebonne Co. (O); Rouville Co. V (C).
C. tessellatus Linn. St. Hyacinthe Co. (P); Rouville Co. V (C); Vaudreuil Co. VII (C).
C. triangulatus Rand. Quebec (Hm.); Vaudreuil Co. (O); Argenteuil Co. (D'Ur).
C. vernalis Hnts. Terrebonne Co. (Hau); Montreal Isl. IV (C).
C. virescens Schr. Levis Co. (Fy); Terrebonne Co. (Hau); Montreal Isl. (O).
C. vulneratus Lec. Montreal Isl. (O). ~

ASAPHES Kirby.

- A. deceleratus* Say. Levis Co. VII (C); Brome Co. VII (W); Rouville Co. VI-VII (C); Chambly Co. VI (St); Montreal Isl. VI-VIII (C); Two Mountains Co. VI (C).
A. montanius Hbst. Terrebonne Co. (Hau); Rouville Co. VII (C); St. Johns Co. VII (C); Vaudreuil Co. (Des).

Family THROSCIDAE

A family composed of small insects resembling the Elateridae in form but have no power of leaping.

THROSCUS Latr.

- T. chevrolati* Bouv. Montreal Isl. VI (C).
T. constrictor Say. Rouville Co. VI (C); Montreal Isl. VI (C); Vaudreuil Co. VII (C).

Family BUPRESTIDAE

Small to large beetles, nearly always metallic, the teguments very hard. The larvae bore in wood and often cause great damage to forest and fruit trees.

CHALCOPHORA Sol.

- C. fortis* Lec. Levis Co. (Fy); Joliette Co. VII (Bl); St. Johns Co. VII (C); Vaudreuil Co. (C).
C. liberti Germ. Sherbrooke Co. (Bégin); Vaudreuil Co. (O); Hull, Ottawa Co. (P). Breeds in pine.
C. virginianensis Drury. Levis Co. (Fy); Terrebonne Co. (Hau); Joliette Co. VII (Bl); Rouville Co. VII (C); St. Johns Co. VII (C); Vaudreuil Co. (O); Hull, Ottawa Co. (H). Breeds in pine.

DICERCA Esch.

- D. divaricata* Say. Levis Co. VII (C); Terrebonne Co. (Hau); Rouville Co. VI (C); Montreal Isl. IV-VII (C); Vaudreuil Co. (Des). The larva in apple, beech, maple, etc.
D. obscura Fabr. Vaudreuil Co. VII (C); Hull, Ottawa Co. (H). Breeds in hickory.
D. prolongata Lec. Terrebonne Co. (Hau).
D. tenebrosa Kirby. Terrebonne Co. (Hau); Vaudreuil Co. (O).

POECILONOTA Esch.

P. cyanipes Say. Joliette Co. VII (Bl); Laurentian Mts., Terrebonne Co. VIII (C); Rouville Co. VII (C); Hull, Ottawa Co. VII (H).

EUPRESTIS Linn.

E. consularis Gory. Levis Co. (Fy); Vaudreuil Co. (O); Montreal Isl. VII (Be). This and the following species probably all breed in pine.

E. fasciata Fabr. Matane Co. V (H. (W); Charlevoix Co. VIII (Ly); Levis Co. (Fy); Terrebonne Co. (Hau); Montreal Isl. VI (C); Vaudreuil Co. (Des).

E. lineata Fabr. Terrebonne Co. (Hau).

E. maculiventris Say. Chicoutimi Co. VII (W); Levis Co. VIII (C); Terrebonne Co. (Hau); Sherbrooke Co. (D'Ur); Montreal Isl. VII (C); Vaudreuil Co. VII (St); Argenteuil Co. (D'Ur).

E. nuttalli Kirby. Chicoutimi Co. (Sa); Montreal Isl. (O).

E. striata Fabr. Levis Co. (Fy); Terrebonne Co. (Hau); Montreal Isl. (C); Vaudreuil Co. VII (W).

MELANOPHILA Esch.

M. acuminata De Geer (*longipes* Say.) Chicoutimi Co. (Sa); Levis Co. (Fy); Brome Co. VII (W); Richmond Co. VI (W); Terrebonne Co. (Hau); Montreal Isl. VII-VIII (C); Montmorency Co. VI (Be); Champlain Co. VI (Be). Breeds in conifers.

M. fulvoguttata Harr. Levis Co. (Fy); Terrebonne Co. (Hau); Vaudreuil Co. VII (C); Montmorency Co. VI (Be). In Spruce and Hemlock.

ANTHAXIA Esch.

A. quercata Fabr. St. Johns Co. VI (C); Vaudreuil Co. VI (C).

A. viridicornis Say. Hull, Ottawa Co. VI (H).

A. viridifrons Lap. St. Johns Co. VI (C); Montreal Isl. VI-VII (C); Montmorency Co. VI (Be); Champlain Co. VI (Be). Breeds in hickory.

CHRYSOBOTHRIIS Esch.

C. dentipes Germ. Levis Co. (Fy); Terrebonne Co. (Hau); Champlain Co. VI (Be); St. Johns Co. VII (C); Montreal Isl. VI (C). Infests pine.

C. femerata Fabr. Richmond Co. VI (W); Terrebonne Co. (Hau); St. Johns Co. VII (C); Montreal Isl. VI (C); Hull, Ottawa Co. (H); Montmorency Co. VI (Be); Champlain Co. VI (Be). Bores in apple and many forest trees.

C. floricola Gory. Vaudreuil Co. (J).

C. harrishi Hentz. Chicoutimi Co. (P); Montmorency Co. VI (Be).

C. scabripennis Lap. and Gory. Terrebonne Co. (Hau); St. Johns Co. VII (C); Montreal Isl. (O).

C. sexalgnata Say. Rouville Co. VII (C); Montreal Isl. VI (C).

C. trinervis Kirby. Montreal Isl. (O).

EUPRISTOCERUS Say.

- E. cogitans** Web. Joliette Co. (O); Terrebonne Co. (Hau); St. Hyacinthe Co. (P); Champlain Co. VI (Be). Breeds in alder.

AGRILUS Steph.

- A. acutipennis** Mann. Vaudreuil Co. (O).
A. anxius Gory. Rouville Co. VII (C); St. John's Co. VII (C); Montreal Isl. (O); Montmorency Co. VI (Be).
A. arcuatus Say. Terrebonne Co. (Hau); Hull, Ottawa Co. VI (H).
A. bilineatus Web. Montreal Isl. (O); Hull, Ottawa Co. (H).
A. blanchardi Horn. Vaudreuil Co. VII (C).
A. egenus Gory. Joliette Co. (O); Terrebonne Co. (Hau); St. John's Co. VII (C); Montreal Isl. VII (C); Hull, Ottawa Co. (H); Montmorency Co. VI (Be).
A. fallax Say. Vaudreuil Co. (O).
A. masculinus Horn. Montreal Isl. VI (C).
A. obsolotaguttatus Gory. Rouville Co. VII (C); Montreal Isl. VII (C).
A. otiosus Say. St. John's Co. VII (C); Montreal and Jesus Isl. VI-VII (C); Hull, Ottawa Co. (H); Montmorency Co. VI (Be). Breeds in oak.
A. politus Say. Montreal Isl. VI-VII on willow (C).
A. ruficollis Fabr. Terrebonne Co. (Hau); Rouville Co. VI-VII (C); St. John's Co. VII (C); Montmorency Co. VI (Be); Champlain Co. VI (Be). Boreas in raspberry.

TAPHROCERUS Sol.

- T. gracilis** Say. Rouville Co. VII (C); Montreal Isl. (O); Champlain Co. VI (Be).

BRACHYS Sol.

- B. aeneus** Melsh. Rouville Co. VII (C); St. John's Co. VII (C); Montreal Isl. VI-VII (C); Vaudreuil Co. VII (C); Montmorency Co. VI (Be).
B. aspergineus Gory. Montreal Isl. VII (C); Montmorency Co. VI (Be).
B. ovata Web. Montreal Isl. (O); Montmorency Co. VI (Be).

PACHYSCELUS Sol.

- P. laevigatus** Say. Rouville Co. VII (C); Montreal Isl. (O); Montmorency Co. VI (Be).

Family LAMPYRIDAE

These beetles of medium size are of soft structure. Some of the species are called "fire-flies" because they have the power of emitting a phosphorescent light from the tip of the abdomen.

CALOPTERON Germ.

- C. reticulatum** Fabr. Sherbrooke Co. (Bég); Rouville Co. VI (C); Montreal Isl. VII (C); Jesus Isl. VII (St); Two Mountains Co. VI (C).
C. terminale Say. Laurentian Mts. Terrebonne Co. VII (D); Montreal Isl. VI (C); Chambly Co. VII (St); Argenteuil Co. VI-VII (D'Ur).

CELETES Newm.

C. basalis Lec. Isl. of Orleans (Fy); St. Hyacinthe Co. VII (C); Rouville Co. VI (C); Vaudreuil Co. (Des); Montmorency Co. VI (Be).

CAENIA Newm.

C. dimidiata Fabr. Stanstead Co. VII (M); Vaudreuil Co. VII (C).

LOPHEROS Newm.

L. fraternus Rand. Vaudreuil Co. (O).

EROS Newm.

E. aurora Hbst. Levis Co. (Fy); Sherbrooke Co. VI (W); Terrebonne Co. (Hau); Rouville Co. V (W); Argenteuil Co. V (C).

E. crenatus Germ. Montreal Isl. (O).

E. humeralis Fabr. Terrebonne Co. (Hau).

E. sculptilis Say. Laurentian Mts. Terrebonne Co. (O).

E. trilineatus Melsh. Vaudreuil Co. (O); Montmorency Co. VI (Be).

PLATEROS Bourg.

P. canaliculatus Say. Montreal Isl. (O).

P. modestus Say. Montreal Isl. (O).

COLOCHROMUS Guér.

C. perforata Say. Joliette Co. (O); Vaudreuil Co. (O).

LUCIDOTA Lap.

L. atra Fabr. St. Johns Co. VII (C); Montreal Isl. VI-VII (C); Vaudreuil Co. VI (C); Two Mountains Co. VI (C); Montmorency Co. VI (Be); Champlain Co. VI (Be).

ELLYCHNIA Lec.

E. cernuosa Linn. Kamomaska Co. (Bell); Rimouski Co. VII (C); Levis Co. (Fy); Sherbrooke Co. VI (C); St. Johns Co. V-VIII (C); Montreal and Jesus Isl. IV-X (C); Vaudreuil Co. VI (Des); Argenteuil Co. V (D'Ur); Montmorency Co. VI (Be); Champlain Co. VI (Be); Berthier Co. VI (Be).

PYROPYGA Mats.

P. decipiens Harr. Rouville Co. VII (C); Terrebonne Co. (Hau).

P. nigricans Say. Levis Co. (Fy); Rouville Co. VII (C); St. Johns Co. VI-VII (C); Montreal Isl. VII (C); Two Mountains Co. VI (C).

PHYRACTOMENA Lec.

- P. angulata* Say. Terrebonne Co. (Hau); Stanstead Co. VII (M); Rouville Co. V-VI (C); Montreal Isl. VI (C); Argenteuil Co. VI (D'Ur).

PHOTINUS Lap.

- P. ardens* Lec. Terrebonne Co. (Hau); Montreal Isl. VI (C); Vaudreuil Co. (O).
P. consanguineus Lec. Montreal Isl. (O).
P. marginellus Lec. Montreal Isl. VII (C).
P. scintillans Say. Portneuf Co. (P); Terrebonne Co. (Hau).

PHOTURIS Lec.

- P. pennsylvanica* De G. Terrebonne Co. (Hau); Brome Co. VII (W); Sherbrooke Co. (Be); St. Johns Co. VII (C); Rouville Co. VII (St).

CHAULIOGNATHUS Hentz.

- C. marginatus* Fabr. Levis Co. (Fy).
C. pennsylvanicus De G. Terrebonne Co. (Hau); Montreal Isl. VIII, on golden rod (C); Argenteuil Co. (D'Ur); Montmorency Co. VII (Be).

PODABRUS Westw.

- P. basilaris* Say. Montreal Isl. VI (C).
P. diadema Fabr. Rouville Co. VI (C); Vaudreuil Co. (Des).
P. modestus Say. Terrebonne Co. (Hau); Argenteuil Co. VII (D'Ur).
P. rugulosus Lec. Terrebonne Co. (Hau); St. Johns Co. VI-VII (C); Rouville Co. VI (C); Montreal Isl. VI-VII (C); Vaudreuil Co. (Des); Chateauguay Co. VII (St).
P. tricestatus Say. Terrebonne Co. (Hau); Montreal Isl. (O); Vaudreuil Co. (O).

SILIS Lat.

- S. porconis* Say. Terrebonne Co. (Hau); Rouville Co. V (C); Montreal Isl. VII (Be).

TELEPHORUS Schaff.

- T. bilineatus* Say. Terrebonne Co. (Hau); Rouville Co. VI (C); Montreal Isl. VI (St); Vaudreuil Co. V (C).
T. carolinus Fabr. Terrebonne Co. (Hau); St. Hyacinthe Co. VI (C); St. Johns Co. VI (C); Montreal and Jesus Isl. VI (C); Vaudreuil Co. (Des); Argenteuil Co. (D'Ur); Montmorency Co. VI (Be).
T. excavatus Lec. Terrebonne Co. (Hau).
T. flavipes Lec. Rouville Co. VI (C); Montreal Isl. VI (C); Montmorency Co. VI (Be); Champlain Co. VI (Be).

T. fraxini Say. Terrebonne Co. (Hau); Rouville Co. VI (C); St. Johns Co. VI (C); Argenteuil Co. (D'Ur).

T. nigritulus Lec. Rouville Co. VI (C).

T. rectus Mels. Rouville Co. VI (C); Montreal Isl. VI (C); Vaudreuil Co. VI (St); Montmorency Co. VI (Be).

T. retundicollis Say. Levis Co. (Fy); Chambly Co. VII (C); Rouville Co. VI (C); Montreal Isl. VI (C); Argenteuil Co. (D'Ur); Montmorency Co. VI (Be).

T. tuberculatus Lec. Terrebonne Co. (Hau).

MALTHINUS Lat.

M. occipitalis Lec. Vaudreuil Co. (O); Montreal Isl. VII (Be).

MALTHODES Khs.

M. fuliginosus Lec. Vaudreuil Co. (O); Montreal Isl. VII (Be).

Family MALACHIDAE

The members of this family resemble the *Lampyridae* in having soft teguments but are shorter and broader. Several of the species are brightly colored. They are found on flowers and herbage.

COLLOPS Er.

C. quadrimaculatus Fabr. Levis Co. (Fy).

C. vittatus Say. Levis Co. (Fy).

MALACHIUS Fabr.

M. aeneus Linn. St. Johns Co. VI (C).

M. ulkei Horn. Montreal Isl. (O).

PSEUDOBAEUS Horn.

P. oblitus Lec. Montreal Isl. VI (C).

ATTALUS Er.

A. morulus Lec. Terrebonne Co. (O); Vaudreuil Co. (O); Rouville Co. VI (Be).

A. scincetus Say. St. Johns Co. (C).

A. terminatus Erich. Rouville Co. VI (C).

Family CLERIDAE

These insects are found on flowers, herbage or trunks of trees with the exception of *Necrobia* which lives in carrion. They are moderate in size, generally bright or prettily marked. The larvae live under bark or in the burrows of wood-borers upon which they feed.

CYMATODERA Gray.

C. bicolor Say. St. Johns Co. VII (C).

TRICHODES Hbst.

T. nuttalli Ky. Brome Co. VII (W); Montmorency Co. VI (Be); Terrebonne Co. (Hau); Rouville Co. VI (C); Montreal Isl. VI (C); Argenteuil Co. (D'Ur); Champlain Co. VI (Be).

CLERUS Gsch.

C. quadriguttatus Oliv. Terrebonne Co. (Hau); Rouville Co. VI (C); Chambly Co. (St) Montreal Isl. VI (C); Montmorency Co. VI (Be).

C. thoracicus Oliv. Montreal Isl. VI (C); Vaudreuil Co. VI, VII (C); Montmorency Co. VI (Be).

THANASIMUS Latr.

T. dubius Fabr. Levis Co. (Fy); Terrebonne Co. (Hau); Rouville Co. VI (C); Argenteuil Co. (D'Ur).

T. undulatus Say. Rouville Co. (C).

THANEROCLERUS Spin.

T. sanguineus Say. Levis Co. (Fy); Terrebonne Co. (Hau); Jesus Isl. V (C); Montreal Isl. IV, V (C); Montmorency Co. VI (Be); Lac St. Jean Co. VII (Be); Argenteuil Co. VI (W).

HYDROCERA Newm.

H. humerale Say. Rouville Co. VI (C); Montreal Isl. VII (Be).

var. **cyaneus** Lec.; Rouville Co. VI (C); Montreal Isl. VII (C).

H. longicollis Say. Montreal Isl. VIII (C); Montmorency Co. VII (Be).

H. pallipennis Say. Portneuf Co. (P); Montreal Isl. VII (C); Vaudreuil Co. VII (M); Montmorency Co. VII (Be).

H. arcticus Say. Montreal Isl. VII (C); Montcalm Co. VI (Be).

PHYLLOBAENUS Spin.

P. discatus Say. Montreal Isl. (Be); Champlain Co. VI (Be).

CHARIESSA Perty.

C. pilosa Forst. Joliette Co. VII (O); Montreal Isl. (O); Vaudreuil Co. (O); Hull, Ottawa Co. (H).

LARICOBIVS Rosen.

L. erichsoni Rosen. Montreal Isl. V (C); Vaudreuil Co. (O); Montmorency Co. VI (Be); Berthier Co. VI (Be).

NECROBIA Latr.

N. ruficollis Fabr. Terrebonne Co. (Hau); Montreal Isl. (O).

N. rufipes Fabr. Montreal Isl. (Be); Chicoutimi Co. (P); Terrebonne Co. (Hau).

N. violacea Linn. Terrebonne Co. (Hau); Rouville Co. VI (C); Montreal Isl. V to IX (C); Vaudreuil Co. (Des).

Family PTINIDAE

Small beetles varying in form. They live on dry vegetable or animal products; some species bore in wood.

QIBBIUM Scop.

Q. scotiae Scop. Montreal Isl. VI (C).

TRIGONOGENIUS Sol.

T. fuscus Lec. Montreal Isl. IV (C).

PTINUS Linn.

P. brunneus Duft. Terrebonne Co. (Hau); Montreal Isl. (C).

P. fur Linn. Terrebonne Co. (Hau); Rouville Co. VI (C).

EUCRADA Lec.

E. humeralis Mels. Terrebonne Co. (Hau); Montreal Isl. IV (Be).

EXNOBIUS Them.

E. mollis Linn. St. Johns Co. VI (C); Montreal Isl. VII (Be).

XESTOBIUM Mots.

X. tessellatum Fabr. Portneuf Co. (P).

SITODREPA Them.

S. parvica Linn. Levis Co. (Fy); Montreal Isl. (C).

HADROSREGMUS Them.

H. carinatus Say. Montreal Isl. VI (C).

H. errans Melsh. Terrebonne Co. (Hau); St. Johns Co. VI (C); Montreal Isl. (C); Montmorency Co. VI (Be).

H. foveatus Kirby. Montreal Isl. VI (C); Vaudreuil Co. (St); Argenteuil Co. (D'Ur); Montmorency Co. VI (Be).

TRYPOPITYS Redt.

T. sciriceus Say. Terrebonne Co. (Hau); Montreal Isl. (C); Montmorency Co. VI (Be); Lac St. Jean Co. VII (Be).

VRILLETIA Lec.

V. convexa Lec. Montreal Isl. (C); Montmorency Co. VI (Be).

XYLETINUS Lat.

- X. fuscatus** Lec. Montreal Isl. VI (C); Montmorency Co. VI (Be).
X. peltatus Har. Montreal Isl. (C); Montmorency Co. VI (Be).

DORCATOMA Hbst.

- D. palliornis** Lec. Rouville Co. VI (C); Montreal Isl. (Ve).

CAENOCARA Thoms.

- C. oculata** Say. Montreal Isl. (O).

PTILINUS Geoff.

- P. ruficornis** Say. Vaudreuil Co. VI (C); Montreal Isl. VII (Be).

Family BOSTRICHIDAE

A small family of slender beetles living in dry wood and sometimes in such numbers that the timber is wholly destroyed by them.

DINODERUS Steph.

- D. cribratus** Lec. Portneuf Co. (P).

LYCTUS Fabr.

- L. striatus** Mels. Portneuf Co. (P).

Family CIOIDAE

Small brown or black species found in fungi or decaying wood.

CIS Latr.

- C. fuscipes** Mellié. St. Johns Co. VII (C); Rouville Co. VI-VII (C); Montreal and Jesus Isl. V to VII (C); Vaudreuil Co. (Des); Montmorency Co. VI (Be).

ENNEARTHRON Moll.

- E. thoracicornis** Ziegl. Terrebonne Co. (Han); Montreal Isl. (C); Montmorency Co. VI (Be).

Family SPHINDIDÆ

Small beetles much resembling the preceding family; they live in fungi.

ODONTOSPHINDUS Lec.

O. dentiosellus Lec. Chambly Co. VII (C).

SPHINDUS Chev.

S. americanus Lec. Chambly Co. VII (C); Vaudreuil Co. VII (C); Montreal Isl. VIII (Be).

Family LUCANIDÆ

Large blackish beetles with prominent mandibles and a leaf-like club at the end of the antennae. The larvae live in decaying wood.

DORCUS MacL.

D. parallelus Say. Rouville Co. VI (C); Montreal Isl. VI (C); Champlain Co. VI (Be).

PLATYCERUS Geoff.

P. depressus Lec. Kamouraska Co. (Bell); Terrebonne Co. (Han); St. Johns Co. VI (C); Montreal Isl. VI (C); Argenteuil Co. (D'Ur).

P. quercus Web. Terrebonne Co. (Hau); Rouville Co. V-VI (C); Montreal Isl. (C); Vaudreuil Co. (Des); Montmorency Co. VI (Be).

CERUCHUS MacL.

C. pictus Web. Rouville Co. VI (St); Montreal Isl. VI (C); Montmorency Co. VI (Be).

Family SCARABÆIDÆ

This family is composed of insects of moderate to large size; several tropical species are among the biggest beetles known. They vary much in shape and coloration but are always recognized by the short antennae with a club composed of several leaves or lamellae.

The larvae are white grubs and live in excrement, decaying wood and in the ground feeding on the roots of plants, some species are often very injurious.

COPRIS Geoff.

C. anaglypticus Say. Joliette Co. (O).

ONTHOPHAGUS Latr.

- O. hecate** Pans. Levis Co. VII (C); Terrebonne Co. (Hau); Rouville Co. VI-VII (C); Montreal and Jesus Isl. V-IX (C); Two Mountains Co. VI (C); Argenteuil Co. VII (D'Ur). Montmorency Co. VI (Be).
O. janss Pans. Montreal Isl. (Be).
O. nuchlecoris Linn. Rimouski Co. (Be); Montmorency Co. VI (Be).
O. pennsylvanicus Harold. St. Johns Co. VII (C).

AEGIALIA Latr.

- A. lacustris** Lec. Montreal Isl. (C).

ATAENIUS Harold.

- A. cognatus** Lec. St. Johns Co. VII (C).
A. stercorator Fabr. Montreal Isl. (O).
A. strigatus Say. Montreal Isl. IV (C).

DIALYTES Harold

- D. striatulus** Say. Montreal Isl. (Be); Vaudreuil Co. (O).

APHODIUS Ill.

- A. erraticus** Linn. St. Johns Co. VI (C); Montreal Isl. V-VII (C); Montmorency Co. VII (Be).
A. femoralis Say. Terrebonne Co. (Hau); St. Johns Co. V (C); Montreal Isl. (O).
A. smolarius Linn. Matane Co. (Be); Levis Co. VII (C); Brome Co. VII (W); Terrebonne Co. (Hau); St. Johns Co. VI-IX (C); Montreal and Jesus Isl. V-VIII (C); Argenteuil Co. (D'Ur); Montmorency Co. VI (Be).
A. fessor Linn. Temiscouata Co. (Bell); Levis Co. (Fy); Terrebonne Co. (Hau); Chambly Co. V (C); Montreal Isl. V (St); Montmorency Co. VI (Be); St. Johns Co. X (Bl); Vaudreuil Co. V (Des). Brome Co. VII (W).
A. granarius Linn. Levis Co. VII (C); Terrebonne Co. (Hau); Rouville Co. VI-VII (C); Montreal and Jesus Isl. VI-VIII (C); Vaudreuil Co. VI (C); Montmorency Co. VI (Be).
A. hamatus Say. Levis Co. (Fy); Joliette Co. (O); Montreal Isl. VI (C).
A. inquinatus Hbst. Terrebonne Co. (Hau); Montreal Isl. IX (C).
A. lentus Horn. Laurentian Mts. Terrebonne Co. (O); Chambly Co. VI (C).
A. leopardus Horn. Joliette Co. (O); Ottawa Co. VII (Gm).
A. prodromus Brahm. St. Johns Co. V (C); Montreal Isl. V-VI (C).
A. rubecula Beauv. Rouville Co. V (C).
A. ruficollis Melsh. Terrebonne Co. (Hau).
A. stercorosus Melsh. Joliette Co. (O); Chambly Co. VI (C).
A. vittatus Say. Portneuf Co. (P); Terrebonne Co. (Hau); Montreal Isl. VI (C); Vaudreuil Co. VII (C); Montmorency Co. VI (Be).

OBONTAEUS Kl.

- O. cornigerus** Melsh. Montreal Isl. (W).
O. illeceps Say. Joliette Co. (O); Ottawa Co. VII (Be).
O. obscurus Linn. Montreal Isl. VIII (St).

GEOTRUPES Lat.

- G. blackburnii** Fabr. Isle d'Orleans VIII (Hm); Terrebonne Co. (Hau); Montreal Isl. (C).
G. egeriae Germ. Isl. d'Orleans IX (Hm); Vaudreuil Co. VI (C); Argenteuil Co. (D'Ur).
G. semiopeus Jek. Joliette Co. (O); Chambly Co. VI (C); Rouville Co. VI (C); Vaudreuil Co. (Des).

TROX Fabr.

- T. punctatus** Germ. Levis Co. (Fy).
T. scaber Linn. Sherbrooke Co. (Be); Rouville Co. VI (C); Montreal Isl. VI (Be); Montmorency Co. VI (Be).
T. suberosus Fabr. St. Johns Co. VII (C); Montreal Isl. VIII (Be).
T. unistriatus Beauv. St. Johns Co. VI (C); Jesus Isl. VII (C); Montmorency Co. VI (Be).

HOPLIA Ill.

- H. trifasciata** Say. Quebec VI (Hm); Terrebonne Co. (Hau); Rouville Co. V. (C); Montreal Isl. IV-VI (C); Montmorency Co. VI (Be).

DICHELONYCHA Kirby.

- D. albicollis** Burm. Terrebonne Co. (Hau); Montreal Isl. (C).
D. elongata Fabr. Isl. of Orleans (Fy); Terrebonne Co. (Hau); Rouville Co. VI (C); St. Johns Co. VI (C); Montreal VI (C); Montmorency Co. VI (Be).
D. subvittata Lec. Rimouski Co. VII (C); Rouville Co. V (C); Montreal Isl. VI (C); Argenteuil Co. VI, VIII (D'Ur); Montmorency Co. VI (Be).

SERICA MacL.

- S. sericea** Ill. Terrebonne Co. (Hau); St. Johns Co. VI (C); Montreal and Jesus Isl. VI, VII (C); Vaudreuil Co. VI (St); Montmorency Co. VI (Be).
S. vespertina Gyll. Levis Co. (Fy); Terrebonne Co. (Hau); Rouville Co. VII (C); Montreal and Jesus Isl. V to VII (C); Vaudreuil Co. (Des); Montmorency Co. VI (Be).

DIPLTAXIS Kirby.

- D. tristis** Kirby. Rimouski Co. V (Be).

LACHNOSTERNA Hope.

- L. dubia** Smith. Rouville Co. V-VI (C); St. Johns Co. V-VI (C); Montreal Isl. V-VI (C).
L. fusca Froehl. Levis Co. (Fy); Terrebonne Co. (Hau); Argenteuil Co. (Be).
L. hirticula Knoch. Terrebonne Co. (Hau).
L. grandis Smith. Rouville Co. V (C).

LIGYRUS Burm.

- L. gibbosus** De G. Sherbrooke Co. (Beg).
L. rufellus Say. Terrebonne Co. (Hau); St. Johns VIII (C); Montreal Isl. VII-VIII (C);
 Vaudreuil Co. (Des); Montmorency Co. VII (Be).

XYLORYCTES Hope.

- X. satyrus** Fabr. Rouville Co. V (C).

EUPHORIA Burm.

- E. inde** Linn. Joliette Co. VI (Bl); St. Johns Co. IX (C); Rouville Co. V (C); Montreal Isl.
 IV, V, IX (C).

CREMASTOCHILUS Knoch.

- C. harrisi** Kirby. Charlevoix Co. VIII (W).

OSMODERMA Knoch.

- O. eremicola** Knoch. Sherbrooke Co. (Fy); Terrebonne Co. (Hau); Montreal Isl. VII (C);
 Argenteuil Co. (Bell).
O. scabra Beauv. Brome Co. VII (W); Terrebonne Co. (Hau); Rouville Co. VII (St); Mont-
 real and Jésus Isl. VII (C); Vaudreuil Co. (Des); Argenteuil Co. (D'Ur); Montmorency
 Co. VI (Be).

GNORIMUS Lap.

- G. maculosus** Knoch. Chambly Co. VI (C); Montreal Isl. V (Be).

TRICHIUS Fabr.

- T. affinis** Gory. Joliette Co. VII (Bl); Terrebonne Co. (Hau); Rouville Co. VI (St); Mont-
 real Isl. VI-VII (C) Montmorency Co. VI (Be).
T. piger Fabr. Chicoutimi Co. (Sa); Argenteuil Co. (D'Ur).

Family SPONDYLIDAE

A small family with only one species in our fauna. The insect is brown, shining and breeds
 in a variety of deciduous and coniferous trees.

PARANDRA Latr.

- P. brunnea** Fabr. St. Hyacinthe Co. VII (C); Rouville Co. (C); Montreal Isl. VI (St);
 Vaudreuil Co. (Des); Montmorency Co. VII (Be).

Family CERAMBYCIDAE

These insects are generally called "long-horns" because the antennae are nearly as long as or longer than the body. They are generally large or very large, elongate and varying much in color. The larvae bore in wood and a few in herbaceous plants, some are very injurious to our forest and fruit trees. The adults are found on flowers, foliage, on tree trunks, etc. Many species from the warm countries are among the largest of Coleoptera.

ORTHOSOMA Serv.

- O. brunneum** Forst. Levis Co. (Roy); Brome Co. VII (M); St. Johns Co. VII (C); Montreal Isl. VII (C); Vaudreuil Co. VII (Des); Argenteuil Co. (Bell); Montmorency Co. VI (Be).
The larvae bores in oak.

TRAGOSOMA Serv.

- T. harrilli** Lec. Isl. of Orleans (Fy); Joliette Co. (O); Montreal Isl. VII (C); Vaudreuil Co. (O); Montmorency Co. VI (Be).

AENIUM Esch.

- A. moestum** Hald. Levis Co. (Fy); Terrebonne Co. (Hau); Rouville Co. V, (C); Montreal Isl. VI (C); Montmorency Co. VI (Be), on pine stumps

CRIOCEPHALUS Muls.

- C. agrestis** Kirby. Levis Co. (Fy); Terrebonne Co. (Hau); Rouville Co. VII (St); Montreal Isl. VII (C); Hull, Ottawa Co. (H); Montmorency Co. VI (Be).

TETROPIUM Kirby.

- T. cinnamopterum** Kirby. Terrebonne Co. (Hau); Rouville Co. VII, on pine stump (C); Montreal Isl. (C); Montmorency Co. VI (Be).

GONOCALLUS Lsc.

- G. collaris** Kirby. Terrebonne Co. (Hau).

PHYSOCNEMUM Hald.

- P. brevilineum** Say. Levis Co. (Fy); St. Johns Co. VII (C); Montreal Isl. VI (C); Vaudreuil Co. (Des); Montmorency Co. VI (Be), on elm.

RHOPALOPUS Muls.

- R. sanguinicollis** Horn. Levis Co., (Fy); Terrebonne Co. (Hau); Sherbrooke Co. (Beg); Ottawa Co. (H), bores in plum trees.

HYLOTRUPES Serv.

- H. hejulus** Linn. Sherbrooke Co. (Beg); Montmorency Co. VI (Be).
H. nigron Fabr. Levis Co. (Fy); Terrebonne Co. (Hau); St. Johns Co. IV (C); Montreal Isl. V (O); Vaudreuil Co. (Des). Bores in cedar. Montmorency Co. VI (Be).

PHYMATODES Muls.

- P. amoens** Say. Terrebonne Co. (Hau); Montreal Isl. VI, on wild grape (C).
P. dimidiatus Kirby. Levis Co. (Fy); Terrebonne Co. (Hau); Montreal Isl. VII (C); Vaudreuil Co. (Des).
P. maculicollis Lec. Levis Co. (Roy); Montreal Isl. (Be).

MENTUM Kirby.

- M. pretius** Kirby. St. Johns Co. V (C); Montreal Isl. IV (C); Montmorency Co. VI (Be).

CALLIDIUM Fabr.

- C. aeneum** Newm. Rouville Co. VI (C); St. John Co. VI (C); Montreal Isl. (O); Ottawa Co. (Fy).
C. antennatum Newm. Matane Co. VII (W); Levis Co. (Fy); St. Hyacinthe Co. VI (C); Vaudreuil Co. (Des); Montmorency Co. VI (Be); Argenteuil Co. VI (W), on pine.
C. janthinum Lec. Levis Co. (Roy); Terrebonne Co. (Hau); St. Johns Co. VI (C); Vaudreuil Co. (Des); Montmorency Co. VI (Be), on cedar.

GRACILIA Serv.

- G. minuta** Fabr. Montreal Isl. (Hau).

ELAPHIDION Serv.

- E. parallelum** Newm. Terrebonne Co. (Hau); St. Johns Co. VI-VII (C), on oak, apple and hickory.
E. unicolor Rand. Portneuf Co. (P); St. Johns Co. VII (C); Vaudreuil Co. VII (C), on plum and oak.

OBRIUM Serv.

- O. rubrum** Newm. Chambly Co. VII (C); Montreal Isl. VI (St), on ash.

INOLORCHUS Fabr.

- M. bimaculatus** Say. Terrebonne Co. (Hau); St. Johns Co. V (C); Rouville Co. V (C); Montreal Isl. V (Be); Vaudreuil Co. V (S); Breeds in a variety of dead wood.

CALLINOXYE Kraatz.

- C. sanguinicollis** Oliv. Rouville Co. V (C); Montreal Isl. V (St); Jesus Isl. V (C).

PURPURICENUS Serv.

- P. humeralis** Fabr. Montreal Isl. (S); Ottawa Co. (H).

BATYLE Thom.

- B. suturalis** Say. St. Hyacinthe Co. (P).

STENOSPHEMUS Ham.

- S. notatus** Oliv. Montreal Isl. VII (C); Montmorency Co. VI (Be). Breeds in hickory.

CYLLENE Newm.

- C. robiniae** Forst. Terrebonne Co. (Hau); St. Johns Co. VIII, bores in locust (C); Ottawa Co. (Fy).

PLAGIONOTUS Muls.

- P. speciosus** Say. Brome Co. VII (W); Terrebonne Co. (Hau); Rouville Co. VII (C); Montreal Isl. VII (O); Vaudreuil Co. (Des) Ottawa Co. VII (Bl); Bores in maple.

CALLIDIES Lac.

- C. nobilis** Say. Brome Co. VII (W); Montreal Isl. (O), on oak.

ARHOPALUS Serv.

- A. fulminans** Fabr. Terrebonne Co. (Hau); Rouville Co. VII (Be); Montreal Isl. VI (C); Vaudreuil Co. (Des).

XYLOTRECHUS Chw.

- X. annosus** Say. St. Hyacinthe Co. (P); Joliette Co. (O).
X. colonus Fabr. Terrebonne Co. (Hau); Chambly Co. VII (St); St. Johns Co. VII (C) Montreal VIII (C); Vaudreuil Co. VII (C), on maple, oak and hickory.
X. quadrimaculatus Hald. St. Johns Co. VII (C); Vaudreuil Co. VII (C); Montmorency Co. VII (Be), on alder.
X. sagittatus Germ. Terrebonne Co. (Hau); St. Johns Co. VII (C); Ottawa Co. (H), on pine.
X. undulatus Say. Chicoutimi Co. (Sa); Terrebonne Co. (Hau); St. Hyacinthe Co. VII (C); Montreal Isl. VII (S); Vaudreuil Co. (Des); Montmorency Co. VII (Be), on spruce and hemlock.

NEOCLYTUS Them.

- N. erythrocephalus** Fabr. Rouville Co. VI (C); Jesus Isl. VII (C); Vaudreuil Co. VI (C); Ottawa Co. (H). Breeds in a variety of forest, shade and fruit trees.
N. muricatus Kirby. Levis Co. VII (C); Rouville Co. VII (C); Laurentian Mts. Terrebonne Co. (O); Montmorency Co. VI (Be).

CLYTANTHUS Them.

- C. ruficollis** Oliv. Levis Co. (Fy); Brome Co. (W); Rouville Co. VII (St); Terrebonne Co. (Hau); Montreal and Jesus Isl. VI-VII (C); Vaudreuil Co. (Des); Montmorency Co. VII (Be), on oak.

MICROCLYTUS Lac.

- M. gazellula** Hald. Vaudreuil Co. (O).

CYRTOPHORUS Lcc.

- C. vertuosus** Oliv. Levis Co. (Fy); Rouville Co. (Be); Chambly Co. VI (C); Montreal Isl. VII (C); Vaudreuil Co. VI (St); Argenteuil Co. VI (W). Lives on chestnut, beech, linden.

EUDERES Lcc.

- E. plépes** Fabr. Terrebonne Co. (Hau); Rouville Co. VI (C); Chambly Co. VII (C); Montreal and Jesus Isl. VI-VII (C); Vaudreuil Co. (S), on beech and bass.

DESIDOCERUS Say.

- D. pallidus** Forst. Brome Co. VII (W); St. Johns Co. VII (C); Terrebonne Co. (Hau); Montreal Isl. VI-VII (C). Lives on elder.

ENCYCLOPS Newm.

- E. obscurus** Say. Argenteuil Co. (D'Ur); Ottawa Co. (H), on dogwood.

RHAGIUM Fabr.

- R. monstans** Oliv. Levis Co. (Fy); Terrebonne Co. (Hau); St. Johns Co. V (C); Montreal Isl. V (C); Vaudreuil Co. (Des). Lives on pine.

CENTRODERA Lcc.

- C. decolorata** Harr. Montreal Isl. VI (C); Ottawa Co. (H).

TOXOTUS Say.

- T. schaumii** Lec. Montreal Isl. VI, on ash (C).
T. trivittatus Say. Rouville Co. VI (St); Montreal Isl. VI (C); Ottawa Co. (H).

PACHYTA Say.

- P. monticola** Rand. Rimouski Co. VII (C); Levis Co. (Fy); Rouville Co. (St); Terrebonne Co. (Hau); Argenteuil Co. (D'Ur); Ottawa Co. (H).
P. rugipennis Newm. Chicoutimi Co. (P); Terrebonne Co. (Hau); Montreal Isl. (Be); Vaudreuil Co. (O).

ANTHOPHILAX Lcc.

- A. attenuatus** Hald. Vaudreuil Co. V (C).
A. malachiticus Hald. Isl. of Orleans (Hm); Rouville Co. V (C); Ottawa Co. (H).
A. viridis Lec. Vaudreuil Co. (O).

ACMAEOPS Lac.

- A. bi vittata** Say. Levis Co. (Fy).
A. directa Newm. St. Johns Co. (C).
A. protensis Laich. Rimouski Co. VII (C); Levis Co. VII (C); Rouville Co. VI (St); Jesus Isl. VI (C); Montmorency Co. VI (Be).
A. proteus Kirby. Chicoutimi Co. (Sa); Levis Co. (Roy); Terrebonne Co. (Hau); Montreal Isl. VI (C) Argenteuil Co. (D'Ur).

GAUROTUS Lac.

- G. cyanipennis** Say. Terrebonne Co. (Hau); St. Hyacinthe Co. VI (C); Rouville Co. VI (C); Montreal Isl. VI (C); Vaudreuil Co. (Des); Two Mountains Co. VI (C); Ottawa Co. (Fy); Montmorency Co. VI (Be).
G. abdominalis Bland. Ottawa Co. (H).

BELLANIRA Lac.

- B. scalaris** Say. Terrebonne Co. (Hau); Montreal Isl. (O), on ash.

STRANGALIA Serv.

- S. luteicornis** Fabr. St. Hyacinthe Co. (P).

TYPOCERUS Lac.

- T. velutinus** Oliv. Terrebonne Co. (Hau); Rouville Co. VII (C); St. Johns Co. VII (C); Montreal and Jesus Isl. VII (C); Vaudreuil Co. (Des); Montmorency Co. VI (Be).
T. asbratus Fabr. Levis Co. (Fy); Laurentian Mts. Terrebonne Co. VIII (O); Montreal Isl. VII (C).

LEPTURA Serv.

- L. bifloris** Newm. Terrebonne Co. (Mi); St. Johns Co. VII (C).
L. canadensis Fabr. Matane Co. VII (W); Joliette Co. (O); Terrebonne Co. (Mi); Rouville Co. VII (C); Montreal Isl. VII (C); Vaudreuil Co. (Des); Montmorency Co. VI (Be), on spruce.
L. capitata Newm. Terrebonne Co. (Hau); Montreal Isl. VI (C); Vaudreuil Co. VI (C).
L. chrysocoma Kirby. Levis Co. (Fy); Terrebonne Co. (Hau); Rouville Co. VI-VII (C); Montreal Isl. VI (C); Two Mountains Co. VI (C); Montmorency Co. VI (Be).
L. cordifera Oliv. St. Hyacinthe Co. (P).
L. exiguus Newm. Montreal Isl. VI (C); Montmorency Co. VI (Be).
L. haematodes Newm. Rouville Co. VI (C); Montreal Isl. VI (C).
L. lineola Say. Rimouski Co. VII (C); Levis Co. (Fy); Richmond Co. VI (W); Montmorency Co. VI (Be); Terrebonne Co. (Hau); Montreal Isl. VI-VII (C); Two Mountains Co. VI (C); Argenteuil Co. (D'Ur); Ottawa Co. (H).
L. mutabilis Newm. Rimouski Co. VII (C); Terrebonne Co. (Hau); Montreal Isl. V(C); Argenteuil Co. (D'Ur).

- L. nana* Newm. Rouville Co. V (C); Montreal Isl. VI (C).
L. nigrella Say. Chicoutimi Co. (Sa); Levis Co. (Roy); Terrebonne Co. (Hau); Montreal Isl. VI (C).
L. nitens Forst. Quebec (Hm); Montreal Isl. VI (C).
L. octonotata Say. Chicoutimi Co. (Sa).
L. plebeja Rand. Montreal Isl. (O).
L. proxima Say. Levis Co. (Fy); Sherbrooke Co. (Beg); Terrebonne Co. (Hau); St. Johns Co. VI (C); Montreal and Jesus Isl. VI-VII (C); Vaudreuil Co. (Des); Argenteuil Co. (D'Ur); Montmorency Co. VI (Be).
L. pubera Say. Terrebonne Co. (Hau); Rouville Co. VII (C); Montreal and Jesus Isl. VI-VII (C); Argenteuil Co. (D'Ur).
L. rubrica Say. Montreal Co. (C).
L. ruficollis Say. Terrebonne Co. (Hau); Rouville Co. VI (C).
 Var. *sphaericollis* Say.
 Rouville Co. VI (C); Montreal Isl. VI (C).
L. semmaculata Linn. Vaudreuil Co. (O).
L. subargentata Kirby. Terrebonne Co. (Hau); Vaudreuil Co. (O).
L. subhamata Rand. Levis Co. VIII (Fy); Terrebonne Co. (Hau); Rouville Co. VI (C); Montreal Isl. (O).
L. vagans Oliv. Terrebonne Co. (Hau), on hickory and butternut.
L. vibex Newm. Rouville Co. V (C); Vaudreuil Co. (O).
L. vittata Germ. Levis Co. (Fy); Terrebonne Co. (Hau); Montreal Isl. VI-VII (C); Chambly Co. VI (C); Vaudreuil Co. (Des); Argenteuil Co. (D'Ur).

PSENO CERUS Lat.

- P. supernotatus* Say. Terrebonne Co. (Hau); Rouville Co. V-VI (C); Montreal Isl. VI, (C); Montmorency Co. VI (Be), on wild grape.

MONOHAMMUS Serv.

- M. confusus* Kirby. Matane Co. (Bell); Levis Co. (Roy); Terrebonne Co. (Hau); Sherbrooke Co. (Beg); St. Johns Co. VII (C); Montreal Isl. VI, (C); Argenteuil Co. (D'Ur); Montmorency Co. VI (Be), on spruce.
M. marmorator Kirby. Levis Co. (Roy); Missisquoi Co. (Fy); Brome Co. VII (W); Terrebonne Co. (Hau); Montreal Isl. (S); Montmorency Co. VI (Be), on hemlock.
M. scutellatus Say. Matane Co. (Bell); Chicoutimi Co. (Sa); Charlevoix Co. VIII (Ly); Levis Co. VII (C); Brome Co. VII (W); Joliette Co. VII (B.); Montreal Isl. VI (C); Vaudreuil Co. (Des); Argenteuil Co. (D'Ur); Montmorency Co. VI (Be), on spruce.
M. titillator Fabr. Missisquoi Co. (Fy); Ottawa Co. (H), on pine.

DORCASCHENA Lat.

- D. nigrum* Say. Montreal Isl. VI (C); Chateauguay Co. VII (C); Ottawa Co. (H), on hickory.

GOES Lec.

- G. oculatus** Lec. Montreal Isl. VI (Be); Ottawa Co. (H).
G. pulverulentus Hald. Ottawa Co. (H), on oak and locust.

ACANTHODERES Serv.

- A. decipiens** Hald. Montreal Isl. VI (C); Vaudreuil Co. (O), on hickory.

LEPTOSTYLUS Lec.

- L. aculiformis** Say. Montreal Isl. VII (C).
L. commixtus Hald. Montreal Isl. (O); Ottawa Co. (H).
L. macula Say. Brome Co. VII (W); Montreal Isl. VII (C); Chateauguay Co. VII (St);
 Vaudreuil Co. VII (C); Montmorency Co. VI (Be).

LIOPUS Serv.

- L. alba** Say. Rouville Co. VII (C); Montreal Isl. VII (C); Ottawa Co. VI (H).
L. cinereus Lec. St. Johns Co. VII (C).
L. crassulus Lec. Vaudreuil Co. VII (C).
L. variegatus Hald. Montreal Isl. VII (C); Vaudreuil Co. (Dea).

DECTES Lec.

- D. spinosus** Say. Stanstead Co. VII (M).

LEPTURGES Bates.

- L. faustus** Say. Montreal Isl. (O).
L. quercu Fitch. Brome Co. VIII (M); Montreal Isl. VI-VII (C); Chambly Co. VII (C);
 Vaudreuil Co. VII (St); Ottawa Co. (H).
L. signatus Lec. Montreal Isl. VII (C).
L. symmetricus Hald. Vaudreuil Co. (O).

HYPERPLATYS Bates.

- H. aspersus** Say. Terrebonne Co. (Han); Chambly Co. VII (C); Montreal Isl. VI-VII (C).
 Ottawa Co. (H).
H. maculatus Hald. Levis Co. VII (C); Montreal Isl. (C); Chateauguay Co. VII (C).

UROGRAPHIS Horn.

- U. fasciatus** DeG. Levis Co. (Fy); Terrebonne Co. (Hau); St. Johns Co. VI (C); Montreal
 Isl. VI (C); Montmorency Co. VI (Be), on oak and maple.

ACANTHOCINUS Steph.

- A. obscurus** Oliv. Vaudreuil Co., VII, on pine (C).

HOPLOSIA Muls.

H. nubilata Lec. Montreal Isl., bred from bass wood (C).

ECYRUS Lec.

E. dasyceirus Say. Montreal Isl. VII (C).

POGONOCHERUS Latr.

P. mixtus Hald. Terrebonne Co. (Hau); Montreal Isl. VII (C); Vaudreuil Co. VII (Des); Ottawa Co. (H), on willow.

P. ponciliatus Lec. Montreal Isl. (C); Ottawa Co. (H).

EUPOGONIUS Lec.

E. subarmatus Lec. Rouville Co. VI (C); Vaudreuil Co. VII (C).

E. vestitus Say. Levis Co. (Fy).

SAPERDA Fabr.

S. calcareata Say. St. Johns Co. VI-VII (C); Montreal Isl. VII (C); Vaudreuil Co. (Des); Ottawa Co. (H); infests poplar.

Var *adpersa* Lec.

St. Johns Co. VI-VII (C); Montreal Isl. (O); Chateauguay Co. VII (C).

S. candida Fabr. Brome Co. VI (W); Terrebonne Co. (Hau); Rouville Co. VI (C); Montreal Isl. VII (St); Vaudreuil Co. (Des); Ottawa Co. (H). Infests apple trees.

S. concolor Lec. Laurentian Mts. Terrebonne Co. (O), on willow and poplar.

S. crotata Newm. Isl. d'Orleans, (Hm), on thorn.

S. discoides Fabr. St. Johns Co. (C); Ottawa Co. VI, (H); Montreal Isl. VII (Be), on hickory.

S. imitans Jout. Montreal Isl. VI (C).

S. lateralis Fabr. Montreal Isl. VI, (C); Vaudreuil Co. VI (C), on hickory.

S. moesta Lec. Rimouski Co. VII (C); Montreal Isl. VI (St); Two Mountains Co. VI (C); Ottawa Co. (H).

S. mutica Say. Montreal Isl. VI, (C); Berthier Co. VI (Be), on willow.

S. obliqua Say. Levis Co. (Fy); Rouville Co. VI (C); Chambly Co. VI (C); St. Johns Co. VI-VII (C), on alder.

S. puncticollis Say. Montreal Isl. V-VI on Ampelopsis (C).

S. tridentata Oliv. Levis Co. (Fy); Terrebonne Co. (Hau); St. Johns Co. VI (C); Montreal Isl. VI (C); Vaudreuil Co. VI (C); Argenteuil Co. (D'Ur); Ottawa Co. VI (Bl); bores in elm.

S. vestita Say. Terrebonne Co. (Hau); Rouville Co. VI-VII (C); Chambly Co. VI (St); Montreal and Jesus Isl. VI (C); Vaudreuil Co. (Des); Argenteuil Co. (Bell). Montmorency Co. VI (Be). Bores in bass wood.

ODIEREA Muls.

- O. bimaculata** Oliv. Brome Co. VII (W); Montreal Isl. VII (C); Ottawa Co. (H).
 On raspberry.
 Var. *basalis* Lec.
 Rouville Co. VII (C).
- O. flavipes** Hald. Rouville Co. VI (C).
- O. schaumii** Lec. Joliette Co. (O); Rouville Co. (St); Montreal Isl., bred from bass wood (C).
- O. tripunctata** Swed. Rouville Co. VII (C); Montreal Isl. VI-VII (C).
 Var. *mandarina* Fab. Montreal Isl. VI (C); Vaudreuil Co. VII (Des).

TETRAOPES Serv.

- T. tetrasphinctus** Forst. Brome Co. VII (W); Terrebonne Co. (Hau); Rouville Co. VII (C); Montreal Isl. VII (C); Sherbrooke Co. (Fy); Vaudreuil Co. (Des). On milkweed.

Family CHRYSOMELIDAE

A large family composed of insects of small to moderate size, spotted, banded or metallic and of variable form. They are usually leaf feeders and some species will often do an enormous amount of damage.

DONACIA Fabr.

- D. aequalis** Say. St. Johns Co. VII (C); Vaudreuil Co. VII (C).
- D. cineticornis** Newm. Brome Co. VII (W); Chambly Co. VII (C); Rouville Co. VII (C).
- D. emarginata** Kirby. Rimouski Co. VII (C); Levis Co. (Fy); Montreal Isl. VI (St); Vaudreuil Co. V (C).
- D. flavipes** Kirby. St. Johns Co. VI (C); Rouville Co. VI (C); Argenteuil Co. VI (D'Ur).
- D. hirticollis** Kirby. Chambly Co. VII (C); St. Johns Co. VII (C);
- D. palmata** Oliv. Terrebonne Co. (Hau); Rouville Co. VI-VII (C); Argenteuil Co. (D'Ur).
- D. placatrix** Lac. Rouville Co. VII (C).
- D. pubescens** Lec. St. Johns Co. VII (C); Rouville Co. VII (St).
- D. pusilla** Say. Rimouski Co. VII (C); Levis Co. (Fy); Rouville Co. VI-VII (C); Argenteuil Co. (D'Ur).
- D. rufa** Say. Rouville Co. VI (C); Montreal and Jesus Isl. V-VI (C); Vaudreuil Co. (Des).
- D. subtilis** Kunze. Terrebonne Co. (Hau); Rouville Co. VI-VII (C); St. Johns Co. VII (C).

HAEMONIA Latr.

- H. nigricornis** Kirby. Chambly Co. (O); St. Johns Co. VII (C).

ONSODACHNA Latr.

- O. atra** Ahr. and varieties. Rimouski Co. VII (C); Terrebonne Co. (Hau); Rouville Co. V (C); Montreal Isl. V (C); Vaudreuil Co. V (C).

ZEUGOPHORA Kunze.

Z. abnormalis Lec. Montreal Isl. VI (C); Vaudreuil Co. VII (C).

Z. varians Cr. Montreal Isl. (O); Vaudreuil Co. VII (C).

SYNETA Esch.

S. ferruginea Germ. Terrebonne Co. (Hau); Missisquoi Co. (Fy); Rouville Co. V (C); Montreal Isl. IV-V (C); Two Mountains Co. VI (C).

LEMA Fabr.

L. brunneicollis Lac. Montreal Isl. (O).

L. trilineata Oliv. Terrebonne Co. (Hau); Missisquoi Co. (Fy); Rouville Co. VII (C).

CRIOCERIS Geoff.

C. asparagi Lin. St. Johns Co. (C); Jesus Isl. (Be). Feeds on asparagus.

C. 12-punctata Lin. Montreal Isl. X (W). Feeds on asparagus.

ANOMOEA Lac.

A. latidorsis Forst. Vaudreuil Co. VII (C); Ottawa Co. VI (H).

CHLAMYD Knoch.

C. pilata Fabr. Rouville Co. (C); Vaudreuil Co. V (C).

EXEMA Lac.

E. conspersa Mann. Rouville Co. VI (C); Montreal Isl. V-VI (C); Vaudreuil Co. VI (C).

BASSANEUS Hald.

B. congestus Fabr. Terrebonne Co. (Hau); Vaudreuil Co. VII (C).

B. detritus Oliv. Vaudreuil Co. VII (C).

B. formosus Melsh. Vaudreuil Co. VII (C).

B. maculifer Newm. Terrebonne Co. (Hau); Vaudreuil Co. VII (C). On willow.

Var. *luteipennis* Melsh. Terrebonne Co. (Hau); Vaudreuil Co. VII (C).

Var. *pretiosus* Melsh. Vaudreuil Co. VI (C).

Var. *sellatus* Suffr. Montreal Isl. VI (C); Vaudreuil Co. VII (C).

CRYPTOCEPHALUS Geoff.

C. mutabilis Melsh. Montreal Isl. (St); Vaudreuil Co. (Des).

C. notatus Fabr. Terrebonne Co. (Hau); Rouville Co. VII (C); Vaudreuil Co. VI (C).

C. quadruplex Newm. St. Johns Co. VII (C).

C. venustus Fabr. Terrebonne Co. (Hau); Stanstead Co. VII (M); Montreal Isl. VIII (C).

PACHYBRACHYS Chev.

- P. sternalis** Mls. Montreal Isl. VI (C).
P. carbonarius Hald. Vaudreuil Co. VII (C).
P. femoratus Oliv. Montreal Isl. VI (C); St. Johns Co. VI (C); Vaudreuil Co. VI (St).
P. infestus Hald. Rouville Co. VI (C).
P. othonus Say. Rouville Co. (C).
P. tridens Mels. St. Johns Co. VI (C).
P. trimotatus Mels. Rouville Co. VI (C); Vaudreuil Co. VII (O); Two Mountains Co. VI (C).
P. viduus Fabr. Montreal Isl. (Be); St. Johns Co. VII (C).

MONACHUS Chev.

- M. ater** Hald. Terrebonne Co. (Hau); Stanstead Co. VII (M); Montreal Isl. VI (C); Chateauguay Co. VII (C).
M. saponatus Fabr. Montreal Isl. VI-VII (C); St. Johns Co. VI (C); Vaudreuil Co. VII (C); Ottawa Co. (H).

DIACHUS Lpc.

- D. auratus** Fabr. Rimouski Co. VII (C); Levis Co. (Fy); Laurentian Mts., Terrebonne Co. VIII (C); Montreal and Jesus Isl. VII, on willow (C); Vaudreuil Co. VII (C); Ottawa Co. VI (H).
D. cataris Suffr. Rouville Co. VII, on willow (C); Ottawa Co. (H).

XANTHONIA Baly.

- X. 12-notata** Say. Terrebonne Co. (Hau); Rouville Co. VI (C); Chambly Co. VII (C); Montreal and Jesus Isl. V-VI (C); Vaudreuil Co. (Des).
X. villosula Mels. Rouville Co. V (C); Vaudreuil Co. VII (C).

ADOXUS Kirby.

- A. obscurus** Linn. Brome Co. VIII (M); Rouville Co. VI (C); St. Johns Co. VII (C); Montreal and Jesus Isl. VI-VII (C); Argenteuil Co. V (D'Ur). Feeds on grape.

GLYPTOSCELIS Lec.

- G. pubescens** Fabr. St. Johns Co. VII (C).

GRAPHOPS Lec.

- G. curtipennis** Mels. Rouville Co. VI (C).
G. pubescens Mels. Levis Co. (Fy); Rouville Co. V (C); Montreal Isl. V (C); Vaudreuil Co. VI (C).

CHRYSOCHUS Redt.

- C. auratus** Fabr. Laurentian Mts., Terrebonne Co. VIII (C); St. Johns Co. VII (C); Montreal and Jesus Isl. VII (C); Argenteuil Co. (D'Ur). On Apocynum. Montmorency Co. VI (Be).

TYPOPHORUS Er.

T. canothus Fabr. Var. *sterrimus* Oliv. Terrebonne Co. (Hau); Rouville Co. V (C); Montreal Isl. VII (C); Two Mountains Co. VI (C).

Var. *gilvipes* Horn. Rouville Co. V (C); Vaudreuil Co. VII (C).

Var. *quadriguttatus* Lec. St. Johns Co. (C); Rouville Co. VI (C); Montreal Isl. VI (C).

Var. *thoracicus* Mels. Chambly Co. VII (C); Vaudreuil Co. VII (C).

Var. *quadrinotatus* Say. Chambly Co. VI (C); St. Johns Co. VI (C); Jesus Isl. VI (C);

Two Mountains Co. VI (C).

COLASPIS Fabr.

C. brunnea Fabr. Stanstead Co. VI (M); Montreal Isl. VII (Be).

RHABDOPTERUS Lat.

R. pisipes Oliv. Rouville Co. VII (C); Montreal and Jesus Isl. VII (C); Vaudreuil Co. VII (C). On bass wood.

NODONOTA Lat.

N. puncticollis Say. Rouville Co. VI (C); Vaudreuil Co. VI (C).

N. tristis Oliv. Rouville Co. VI (C).

PRASOCURIS Latr.

P. obliquata Lec. Montreal Isl. (Be).

P. phollandi Linn. Montreal Isl. (Be); Jesus Isl. VII (C).

P. vittata Oliv. Levis Co. (Fy); Terrebonne Co. (Hau); Chambly Co. VI (C); Montreal and Jesus Isl. V-VII (C); Vaudreuil Co. (Des); Two Mountains Co. VI (C).

LABIDOMERA Chev.

L. clivicollis Kirby. Laurentian Mts. Terrebonne Co. VIII (C); Montreal and Jesus Isl. IV-VIII. (C); Vaudreuil Co. VII (C); Two Mountains Co. VI (C), on milk weed.

LEPTINOTARSA Stål.

L. 10-lineata Say. The well known "potato beetle" common from May to September.

ZIGOGRAMMA Chev.

Z. saturalis Fabr. St. Johns Co. VI (C); Montreal Isl. VII (C); Vaudreuil Co. V-VI (C).

CALLIGRAPHA Er.

C. elegans Ol. Levis Co. (Fy); Terrebonne Co. (Hau); Chambly Co. VII (Be); Brome Co. VII (W); Rouville Co. VI (St); Jesus Isl. VI-VII (C); Ottawa Co. VI (H).

C. multipunctata Say. Levis Co. (Fy); Terrebonne Co. (Hau); Brome Co. (W). Chambly Co. VII (C); Montreal and Jesus Isl. VI-VII (C); Vaudreuil Co. VII (Des).

- C. philadelphica** Lin. Terrebonne Co. (Hau); Rouville Co. VI (C); Montreal and Jesus Isl. VI-VII (C); Vaudreuil Co. (Des); Two Mountains Co. VI (C); Argenteuil Co. (D'Ur).
C. prinea Stal. Levis Co. (Fy); Chambly Co. VI (C); Rouville Co. VI (C); Montreal Isl. (O). On bass wood.
C. rowana Knab. Montreal Isl. VI (C).
C. scalaris Lec. Matane Co. (Bell); Levis Co. (Fy); Brome Co. VII (W); Terrebonne Co. (Hau); Montreal and Jesus Isl. VI-VII (C); Vaudreuil Co. (Des); Argenteuil Co. (D'Ur), on elm.

FLAGIODERA Redt.

- F. viridis** Say. Terrebonne Co. (Hau); Rouville Co. V (C).

GASTROIDEA Hagn.

- G. polygoni** Linn. Chicoutimi Co. (Ba); Terrebonne Co. (Hau); St. Johns Co. V-VI (C); Montreal Isl. V, VII (C); Montmorency Co. VI (Be).

LIMA Megerle

- L. interrupta** Fabr. Vaudreuil Co. V, (C); Argenteuil Co. (D'Ur), on alder.
L. scripta Fabr. Chicoutimi Co. (P); Terrebonne Co. (Hau); Rouville Co. VI (C); Vaudreuil Co. VI (C). On willow.

GONIOCTENA Redt.

- G. pallida** Lin. Levis Co. (Fy); Montreal Isl. (O).

PHYLLODECTA Kirby.

- P. vitellinae** Linn. Rimouski Co. VII (C); Terrebonne Co. (Hau); Montreal Isl. VII, (C); Argenteuil Co. VI (W), on willow.

CEROTOMA Chev.

- C. trifurcata** Fabr. Rouville VI (C); Montreal and Jesus Isl. VI-VII (C); Vaudreuil Co. VI (Des).

PHYLLOSROTICA Redt.

- P. decorata** Say. St. Hyacinthe Co. (P); Rouville Co. VI (C); Vaudreuil Co. VII (C); Argenteuil Co. VII-VIII, on *Scutellaria galericulata* and *laterifolia* (D'Ur).

LUPERODES Mots.

- L. morosa** Say. Stanstead Co. (M); Chambly Co. VII (Be).

DIABROTICA Chev.

- D. 12-punctata** Oliv. Terrebonne Co. (Hau); Chateauguay Co. VII (C).
D. vittata Fabr. Terrebonne Co. (Hau); Missisquoi Co. (Fy); Montreal and Jesus Isl. V-VI (C); St. Johns Co. VI (C); Two Mountains Co. VI (C). Lives on cucumber.

TRIRHABDA Lec.

- T. canadensis** Kirby. Levis Co. (Fy); Terrebonne Co. (Hau); Montreal and Jesus Isl. VII VIII (C); St. Johns Co. VIII (C); on Solidago.
T. virgata Lec. Terrebonne Co. (Hau); Montreal Isl. VII (C); Rouville Co. VII (C). On Solidago.

GALERUCELLA Cr.

- G. cavicollis** Lec. Rouville Co. VI (C); St. Johns Co. VII (C); Vaudreuil Co. VI (St).
G. decora Say. Levis Co. (Fy); Rouville Co. VI (C); Montreal and Jesus Isl. VI-VII, on willow, (C); Vaudreuil Co. (Des).
G. nymphasea Linn. Terrebonne Co. (Hau); Brome Co. VII (W); Rouville Co. VII (C); St. Johns Co. VII (C). On water lily.
G. rufesanguinea Say. Chicoutimi Co. (Sa); Levis Co. (Fy); Terrebonne Co. (Hau); Brome Co. VII (W); Montreal and Jesus Isl. VI, VII (C); St. Johns Co. VI (C); Vaudreuil Co. (Des).
G. servitata Lec. Rouville Co. VI-VII (C).

ELEPHARIDA Reg.

- E. rhols** Forst. St. Hyacinthe Co. (P).

HYPOLAMPSIS Clark.

- H. pilosa** Ill. Vaudreuil Co. (O); Montreal Isl. VI (Be).

OEDIONYCHIS Latr.

- O. humbellei** Mels. Rouville Co. VI-VII (C); Vaudreuil Co. VI (C).
 Var. *subvittata* Horn. Rouville Co. VI-VII (C).
O. queresta Fabr. Terrebonne Co. VI (C); Rouville Co. VI (C).

DISONYCHA Chev.

- D. glabrata** Fabr. St. Johns Co. VI (C).
D. pennsylvanica Ill. Brome Co. VII (W); St. Hyacinthe Co. (P); Rouville Co. V (C); Rouville Co. VII (C); Argenteuil Co. VI (W).
D. quinquevittata Say. Joliette Co. (O); Laurentian Mts. Terrebonne Co. VII (O); Rouville Co. VI (C).
D. xanthomelaena Dalm. Levis Co. (Fy); Terrebonne Co. (Hau); Montreal Isl. V (C); Vaudreuil Co. VII (C).

HALTICA Geoff.

- H. bimarginata** Say. Joliette Co. (O); Terrebonne Co. (Hau); Rouville Co. VI (C).
H. carinata Germ. Terrebonne Co. (Hau).
H. fuscescens Mels. Rouville Co. VII (C); Montreal Isl. VII (C).
H. ignita Ill. Terrebonne Co. (Hau); Rouville Co. VI (C); Montreal and Jesus Isl. V-VI (C); Vaudreuil Co. VI (C).

CREPIDODERA Chev.

- C. striventris** Mels. Montreal Isl. V (C); Vaudreuil Co. V (C); Two Mountains Co. VI (C).
C. helveticus Linn. Rimouski Co. VII (C); Levis Co. (Fy); Terrebonne Co. (Hau); Montreal and Jesus Isl. IV-VII (C); St. Johns Co. VI (C); Vaudreuil Co. V-VII (C); Two Mountains Co. VI (C).
C. modesti Lin. Rouville Co. VI (C); Montreal Isl. VIII (Be).

EPITRIX Feud.

- E. cucurbitae** Harr. Joliette Co. (D); Terrebonne Co. (Hau); Rouville Co. VI (C); Montreal and Jesus Isl. IV-VII (C); Two Mountains Co. VI (C).
E. fuscula Cr. Montreal Isl. VI (C).

ORTHALTICA Cr.

- O. cephalina** Fab. Rouville Co. (C); Montreal Isl. VIII (Be).

SYSTEMA Clark.

- S. frontalis** Fabr. Terrebonne Co. (Hau); Montreal Isl. VIII (C); Vaudreuil Co. VII (C); Ottawa Co. (Fy).
S. hudsoniae Forst. Terrebonne Co. (Hau); St. Hyacinthe Co. (P); St. Johns Co. VII (C); Montreal Isl. VII (C); Vaudreuil Co. (Des).
S. taeniolata Say. St. Johns Co. VII (C); Montreal Isl. VIII (Be).

LONGITARSUS Latr.

- L. insolens** Horn. Montreal Isl. (C).
L. melanurus Melsh. St. Johns Co. V (C); Montreal Isl. IV (C).
L. testaceus Melsh. St. Johns VI (C); Vaudreuil Co. V (C).
L. turbatus Horn. Jesus Isl. VI (C).

GLYPTINA Lec.

- G. spuria** Lec. Rouville Co. V (C); Montreal Isl. VI (C); Vaudreuil Co. VI (C).

PHYLLOTRETA Feud.

- P. armeriacae** Linn.^o Montreal Isl. (W), on horse-radish.
P. bipustulata Fabr. St. Johns Co. VI (C).
P. sinuata Steph. Rouville Co. VI (C); Montreal and Jesus Isl. IV-VII (C); Two Mountains Co. VI (C); Vaudreuil Co. (Des).
P. vittata Fabr. Montreal and Jesus Isl. IV-VII (C); Vaudreuil Co. V (C); Two Mountains Co. VI (C).

MANTURA Steph.

- M. floridana** Cr. St. Johns Co. VI (C); Montreal Isl. V-VI (C).

CHAETOCNEMA Steph.

- C. clatense* Cr. Portneuf Co. (P).
C. confinis Cr. Montreal Isl. (O).
C. dentifurcata Ill. Rouville Co. (C); St. Johns Co. VI (C).
C. minuta Melsh. Rouville Co. VI (C); Montreal Isl. V-VI (C).
C. subcylindrica Lec. Rouville Co. (C).

DIBOLIA Chev.

- D. borealis* Chev. St. Hyacinthe Co. VI (C); Montreal and Jesus Isl. V-VI (C); Vaudreuil Co. VI (C); Two Mountains Co. VI (C).

PSYLLIODES Lef.

- P. punctulata* Melsh. Rouville Co. V (C); Montreal Isl. IV-V (C).

MICRORHOPALA Baly.

- M. excavata* Oliv. Brome Co. VIII (M); Rouville Co. VI-VII (C); Montreal Isl. VI (C).

CHALEPUS Thunb.

- C. nervosa* Panz. Terrebonne Co. (Hau); Rouville Co. VI-VII (C); Montreal and Jesus Isl. VI-VII (C); St. Johns Co. VI (C); Two Mountains Co. VI (C).
C. rubra Web. Chambly Co. VII (C); Rouville Co. VI (Be).

CHARISTENA Baly.

- C. nigrita* Oliv. Rouville Co. V (C).

PHYSONOTA Boh.

- P. unipunctata* Say. Montreal Isl. VII-IX (W); Missisquoi Co. (Fy), on wild sunflower.

CASSIDA Linn.

- C. viridis* Linn. Levis Co. VII (Fy), on burdock and thistle.

COPTOCYCLA Chev.

- C. bicolor* Fabr. Terrebonne Co. (Hau); Missisquoi Co. (Fy); Montreal Isl. V-VI (C); Vaudreuil Co. VII (C).
C. signifera Herbst. Missisquoi Co. (Fy); Montreal Isl. VII (C); Chateauguay Co. VII (St).
C. purpurata Boh. Montreal Isl. (Be).

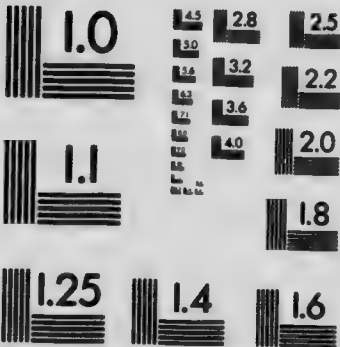
CHELYMORPHA Chev.

- C. argus* Licht. Levis Co. (Roy); Laurentian Mts., Terrebonne Co. VII (C); Brome Co. VIII (M); Montreal and Jesus Isl. VI-VII (C); Vaudreuil Co. VII (C); Argenteuil Co. (Bell).



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Family BRUCHIDAE

Small, thick-bodied beetles, living in the seeds of plants; stored peas and beans are often attacked. They are usually grayish, mottled with black and white.

BRUCHUS Linn.

- B. calvus** Horn. Ottawa Co. VII (Gm).
B. discoides Say. Chateauguay Co. VII (C).
B. fraterculus Horn. Huntingdon Co. (O).
B. musculus Say. Rouville Co. VI (C); Montreal Isl. VI (C).
B. obtectus Say. Montreal Isl., in stored beans (C).
B. pisorum Linn. Terrebonne Co. (Hau); St. Johns Co. (C); Chateauguay Co. VII (C), in peas.

Family TENEBRIONIDAE

The beetles composing this family are generally of moderate or large size, black or brown, oblong or oval in shape. They live on fungi as a rule but many are found in rotten wood and some species live in granaries, meal, farina, etc.

PHELLOPSIS Lec.

- P. choerdata** Kirby. Gaspé Co. (Hm); Matane Co. VIII (W); Terrebonne Co. (Hau); Rouville Co. V (C); Montreal Isl. IX (C); Missisquoi Co. (Fy).
 Var. *porcata* Lec. Missisquoi Co. (Fy); Montmorency Co. VI (Be).

NYCTOBATES Guér.

- N. pennsylvanicus** DeG. Terrebonne Co. (Hau); Montreal Isl. VII (C); Vaudreuil Co. (Des); Montmorency Co. VI (Be).

IPHITHINUS Trug.

- I. opacus** Lec. Laurentian Mts. Terrebonne Co. VII (C); Sherbrooke Co. (Beg); Montreal Isl. IV (C); Vaudreuil Co. VII (O).
I. serratus Mann. Terrebonne Co. (Hau).

MERINUS Lec.

- M. laevis** Oliv. Montreal Isl. (W).

UPIS Fabr.

- U. coramboides** Linn. Matane Co. (Bell); Chicoutimi Co. VII (Sa); Missisquoi Co. (Fy) Rouville Co. V-VI (C); Montreal Isl. VI-VII (C); Argenteuil Co. (D'Ur).

HAPLANDRUS Lec.

- H. ater* Lec. Montreal Isl. VI (Be).
H. femoratus Fabr. Montreal Isl. VII (Be).

SCOTOBATES Horn.

- S. calcareatus* Fabr. Terrebonne Co. (Hau); St. Johns Co. VI-VII (C); Montreal Isl. VII (C); Vaudreuil Co. VII (Des).

XYLOPINUS Lec.

- X. superciliosus* Oliv. Terrebonne Co. (Hau); Chambly Co. VII (St); Montreal Isl. VII (C); Montmorency Co. VI (Be).

TENERIO Linn.

- T. molitor* Linn. Brome Co. VII (W); St. Johns Co. in granaries (S); Montreal Isl. in store-houses (C).
T. obscurus Fabr. Missisquoi Co. (Fy); Montreal Isl. VII (C).
T. tenax Linn. Beauv. Terrebonne Co. (Hau); Rouville Co. VI (C); Montreal Isl. IV-VII under bark (C).

ELAPSTINUS Ltr.

- E. interruptus* Say. Rouville Co. V (C); Montreal Isl. IV (C).
E. metallicus Fabr. Montreal Isl. IV-IX (C).
E. modestus Melsh. Montreal Isl. IV (C).

TRIBOLIUM MacL.

- T. ferrugineum* Fabr. Montreal Isl. in farina (C).

ULOMA Lap.

- U. impressa* Melsh. Rouville Co. VII (C); Montreal Isl. (W).

ANAEDUS Blanch.

- A. brunneus* Ziegl. Portneuf Co. (P).

PARATENETUS Spin.

- P. fuscus* Lec. Montreal Isl. IV (C); Vaudreuil Co. VII (C).
P. punctatus Sol. St. Johns Co. V (C).

DYAPERIS Geoff.

- D. hydni* Fabr. Terrebonne Co. (Hau); Rouville Co. VI (C); Montreal and Jesus Isl. VI-VII (C); Vaudreuil Co. VI (Des); Two Mountains Co. VI (C); Montmorency Co. VI (Be).

ARRHENOPLITA Kirby.

- A. blairii** Oliv. Terrebonne Co. (Hau); Sherbrooke Co. (Beg); Rouville Co. VI (C); Montreal and Jesus Isl. V-IX (C); Vaudreuil Co. VII (St); Montmorency Co. VI (Be).

PLATYDEMA Lap.

- P. americanum** Lap. Rouville Co. V (C); Chambly Co. IV (C); Montreal Isl. V (C).
P. excavatum Say. Rouville Co. V (C).
P. laevipes Hald. Montreal Isl. (W).
P. ruficornis Sturm. Terrebonne Co. (Hau); Montreal and Jesus Isl. V (C).
P. subcostatum Lat. Terrebonne Co. (Hau).

PHYLETHUS Mels.

- P. bifasciatus** Say. Montreal Isl. VI (C).

HYPOPHLOEUS Fabr.

- H. parallelus** Mels. Montreal Isl. (B.).

BOLETOTHERUS Cand.

- B. bifurcus** Fabr. Missisquoi Co. (Fy); Terrebonne Co. (Hau); St. Johns Co. VII (C); Montreal and Jesus Isl. VI-VIII (C); Vaudreuil Co. (Des); Argenteuil Co. (D'Ur).

BOLETOPHAGUS M.

- B. corticola** Say. Laurentian Mts. Terrebonne Co. (O); Montreal Isl. VI (C); Ottawa Co. V (Be).

Family CISTELIDAE

A family of black or brown beetles, convex, tapering to a point posteriorly. They are found on foliage, flowers and under bark.

HYMENORUS Muls.

- H. niger** Mels. Rouville Co. VI (C); St. Johns Co. VI (C); Jesus Isl. VII (C).
H. obscurus Say. St. Johns Co. VI (C); Vaudreuil Co. VI (C).

CISTELA Fabr.

- C. brevis** Say. Montreal Isl. (Be).
C. sericea Say. St. Hyacinthe Co. VII (C); Montreal Isl. VI (C); Vaudreuil Co. VII (C); Two Mountains Co. VI (C).

ISONIRA Muls.

- I. quadristriata** Coup. Terrebonne Co. (Hau); Chambly Co. VI (C); Montreal and Jesus Isl. VI-VII (C); Vaudreuil Co. VI (C).

MYCETOCHARA Berth.

- M. bicolor** Lec. Laurentian Mts. Terrebonne Co. (O); Rouville Co. VI (C).
M. fraterna Say. Rouville Co. VI-VII (C).
M. haldemani Lec. Montreal Isl. VI (C).

CAPNOCHROA Lec.

- C. fuliginosa** Melsh. Rouville Co. VI (C); Vaudreuil Co. VII (C).

ANDROCHIRUS Lec.

- A. erythropus** Kirby. Stanstead Co. VII (M); St. Hyacinthe Co. (P); Montreal Isl. VI (C).

Family LAGRIIDAE

A small family of black or bronzed insects of moderate size. They occur on foliage.

ARTHROMACRA Kirby.

- A. sericea** Say. Laurentian Mts., Terrebonne Co. VI (C); Montreal Isl. VI (C); Vaudreuil Co. VII (Des).

STATIRA Latr.

- S. gagatina** Melsh. Montreal Isl. VI (C).

Family MELANDRYIDAE

These insects are usually slender in form, black or brown often with yellowish or reddish markings. They are found under bark, in dry fungi and vegetable matter.

TETRATOMA Fabr.

- T. tessellata** Melsh. Montreal Isl. (O).

PENTHE Newm.

- P. obliquata** Fabr. Terrebonne Co. (Hau); Rouville Co. VI (C); Montreal Isl. VI (C); Vaudreuil Co. (Des).
P. pinella Fabr. Rouville Co. VI (C); Jesus Isl. VI (C); Montreal Isl. VIII (Be).

SYNCHROA Newm.

- S. punctata** Newm. Laurentian Mts., Terrebonne Co. VI (C); St. Hyacinthe Co. VI (C); Rouville Co. VI (C).

MELANDRYA Fabr.

- M. striata** Say. Terrebonne Co. (Hau); Rouville Co. VI (C); Montreal and Jesus Isl. V-VIII (C); Vaudreuil Co. (Des); Two Mountains Co. VI (C); Chambly Co. VI (W); Montmorency Co. VI (Be).

EMMESA Newm.

- E. connectens** Newm. St. Johns Co. VI (C); Montreal Isl. VI (C); Montmorency Co. VI (Be).

ZILORA Muls.

- Z. hispida** Lec. St. Hyacinthe Co. (P).
Z. nuda Prov. Portneuf Co. (P)..

SPILOTUS Lec.

- S. quadripustulosus** Melsh. St. Johns Co. VI (C); Montreal Isl. VI (C).

SCOTOCHROA Lec.

- S. atra** Lec. St. Johns Co. VI (C); Montreal Isl. VII (Be).

ENCHODES Sec.

- E. sericea** Hald. Rouville Co. VII (C).

SERROALPUS Hald.

- S. barbatus** Schall. Matane Co. (Bell); Terrebonne Co. (Hau); Missisquoi Co. (Fy); Montreal Isl. VII (C); Vaudreuil Co. VI (C).

HYPULUS Payk.

- H. simulator** Newm. Chicoutimi Co. (P); Rouville Co. VI (C); Montreal Isl. V (C); Montmorency VI (Be).

DIRCAEA Fabr.

- D. liturata** Lec. Stanstead Co. VII (M); Rouville Co. VII (C); Montreal Isl. VII (St); Montmorency VI (Be).

SYMPHORA Lec.

- S. navicollis** Hald. Rouville Co. VI (C); Montreal Isl. (O).
S. rugosa Hald. Montmorency VI (Be); St. Johns Co. VI (C); Montreal VII (C).

EUSTROPHUS Ill.

- E. bifasciatus** Say. Montreal Isl. V (C).
E. repandus Horn. Rouville Co. V (C); Vaudreuil Co. V (C).
E. tomentosus Say. Montreal Isl. (Be).

HALLOMENUS Panz.

- H. scapularis** Melsh. Montreal Isl. (Be).

ORCHESIA Lec.

- O. castanea** Melsh. Montreal Isl. VI (C); Montmorency VI (Be); Ottawa Co. VI (Be).

CANIFA Lec.

- C. pallipes** Melsh. Vaudreuil Co. (O); Montreal Isl. VIII (Be).
C. piagata Melsh. Rouville Co. VI (C).
C. pusilla Hald. Montreal Isl. (Be).

Family PYTHIDAE

A small family resembling the *Melandryidae* in habits.

CRYMODES Lec.

- C. discicollis** Lec. Levis Co. (Be); Rimouski Co. V (Be).

BOROS Hbst.

- B. unicolor** Say. Terrebonne Co. (Hau); St. Hyacinthe Co. (P); Rouville Co. VI (Be).

SALPINGUS Gyll.

- S. virescens** Lec. St. Johns Co. VI (C); Montreal Isl. VI (C); Vaudreuil Co. V (C); Two Mountains Co. VI (C).

RHINOSIMUS Latr.

- R. viridiceneus** Rand. Montreal Isl. (O); Vaudreuil Co. V (C).

Family OEDEMERIDAE

The insects of this family are cylindrical in shape, the elytra soft as in the *Lampyridae*. They occur on flowers and foliage, sometimes under bark.

CALOPUS Fabr.

- C. angustus** Lec. Montreal Isl. (Be).

DITYLUS Fisch.

C. caeruleus Rand. Rimouski Co. VII (C); Terrebonne Co. (Hau); Montreal Isl. IV (C).

NACERDES Schm.

N. melanura Linn. Quebec and Montreal in the streets near shipping (Fy. C).

ASCLERA Schm.

A. puncticollis Say. Rouville Co. VII (C); Montreal Isl. VI (C); Vaudreuil Co. VII (St).

A. ruficollis Say. Terrebonne Co. (Hau); Rouville Co. V (C); St. Johns Co. VI (C); Vaudreuil Co. V (C); Montreal Isl. VI (W).

Family CEPHALOIDAE

One species of this small family occurs in our fauna. It is a slender insect, slightly built and yellowish in color.

CEPHALON Newm.

C. lepturides Newm. Montreal Isl. VI (C).

Family MORDELLIDAE

The insects of this family are small, the abdomen terminating into a pointed process; they are covered with silky hair which often takes the form of bands and spots. They occur on flowers and on dead trees.

ANASPIIS Geoffr.

A. flavipennis Hald. Terrebonne Co. (Hau); St. Johns Co. VI (C); Vaudreuil Co. VII (C) Montreal Isl. VII (W).

A. rufa Say. Rimouski Co. VII (C); Montreal and Jesus Isl. VI-VII (C); Vaudreuil Co. VII (C).

TOMOXIA Costa.

T. bidentata Say. St. Hyacinthe Co. (P); Montreal Isl. VII (C).

MORDELLA Linn.

M. borealis Lec. Vaudreuil Co. VII (C).

M. marginata Mels. St. Hyacinthe Co. VII (C); Rouville Co. VI (C); Montreal and Jesus Isl. VI-VIII (C); Vaudreuil Co. VII (O).

M. mulsanti Germ. Terrebonne Co. (Hau); St. Hyacinthe Co. (P); Montreal Isl. VII (C).

M. scutellaris Fabr. Levis (Fy).

M. serval Say. Stanstead Co. (M); St. Johns Co. VII (C); Montreal Isl. (O).

M. trilinea Say. Rouville Co. VII (C); Montreal Isl. VII (C).

MORDELLISTENA Cesta.

- M. aspersa* Mels. Rouville Co. VII (C); St. Johns Co. VI-VII (C); Montreal Isl. (C).
M. bhamata Mels. St. Johns Co. VII (C); Vaudreuil Co. VII (M).
M. bipunctata Helm. Montreal Isl. VI (C); Vaudreuil Co. V-VI (C).
M. comata Lec. St. Johns Co. VI (C).
M. decorata Lec. Joliette Co. (O); Montreal Isl. (Be).
M. grammica Lec. Vaudreuil Co. VII (C).
M. humilis Mels. Rouville Co. VI (C); Montreal Isl. VII (C); Vaudreuil Co. (O).
M. liturata Mels. Montreal Isl. VII (C).
M. marginalis Say. Rouville Co. VI (C).
M. nigricans Mels. St. Johns Co. VI (C); Rouville Co. VI (C); Montreal Isl. VII (C); Argenteuil Co. (D'Ur).
M. ornata Melsh. St. Hyacinthe Co. VI (C); Montreal Isl. VI (C); Vaudreuil Co. (O).
M. pubescens Fabr. Montreal Isl. VII (C).
M. pustulata Melsh. Montreal Isl. VI (C).
M. scapularis Say. Terrebonne Co. (Hau); St. Johns Co. VI (C); Montreal Isl. (O).
M. testis Lec. Montreal Isl. (C); Vaudreuil Co. (O).
M. trifasciata Say. Joliette Co. (O); Rouville Co. VII (C); Vaudreuil Co. (O).
M. rapida Lec. Montreal Isl. (Be).
M. varians Lec. Montreal Isl. (C); Vaudreuil Co. (O).

Family ANTHICIDAE

Mostly small beetles. They occur on flowers, and foliage, others on sand, resembling ants.

STEREOPALPUS Lat.

- S. noli* Lat. Vaudreuil Co. (M).

CORPHYRA Say.

- C. collaris* Say. Rouville Co. V-VI (C).
C. elegans Hents. St. Hyacinthe Co. VI (C); Rouville Co. V (C); Montreal Isl. (St).
C. fulvipes Newm. Terrebonne Co. (Hau); Montreal Isl. VI (C); Rouville Co. V (C).
C. lugubris Say. Terrebonne Co. (Hau); Rouville Co. V (C); Montreal and Jesus Isl. VI (C).
C. newmani Lec. Rouville Co. V (C); Montreal Isl. VI (C).
C. terminalis Say. Montreal Isl. (O); Rouville Co. V (C).

XYLOPHILUS Lat.

- X. basalis* Lec. Rouville Co. VI (C); Vaudreuil Co. (O).
X. fasciatus Mels. St. Johns Co. VII (C).
X. piceus Lec. Montreal Isl. (C).

MACRATRIA Newm.

M. murina Fabr. Joliette Co. (O); Montreal Isl. (Be).

NOTOXUS Geoffr.

N. anchora Hentz. Terrebonne Co. (Han); Montreal Isl. (C).

N. monodon Fabr. Rouville Co. VI (C); Vaudreuil Co. VII (C).

ANTHICUS Payk.

A. corvinus Lap. Montreal Isl. (O); Vaudreuil Co. (O).

A. difficilis Lec. Montreal Isl. VI (C).

A. floralis Linn. Montreal Isl. VI (C).

A. formicarius Lap. Terrebonne Co. (Hau); Chambly Co. VI (C); St. Johns Co. (C).

A. scabripes Lec. Montreal Isl. V (C).

Family PYROCHROIDAE

Large insects, soft in texture, black, blue or yellow. The antennae are strongly serrated or flabellate. They generally occur under the loose bark of dead trees.

PYROCHROA Geoffr.

P. flabellata Fabr. Montreal Isl. VI (C); St. Johns VI (C).

SCHIZOTUS Newm.

S. cervicalis Newm. Quebec VI (Hm); Terrebonne Co. (Hau); Rouville Co. V-VI (C); Montreal Isl. VI (C).

DENDROIDES Lec.

D. canadensis Latr. Terrebonne Co. (Hau); Montreal Isl. V (C); St. Johns VI (C).

D. concolor Newm. Missiquoi Co. (Fy); Montreal Isl. VI (C); Vaudreuil Co. V (C).

D. bicolor Newm. Montreal Isl. VI (Be).

Family MELOIDAE

These insects are commonly called "oil beetles" or "blister beetles." They are soft in texture, generally slender in form; some species (*Meloe*) have a very large abdomen with abortive elytra. They are usually brightly colored, metallic, striped or spotted. The larvae

of some species live in grasshopper egg-pods and are highly beneficial, since they form one of the most important checks to grasshopper increase.

MELOE Linn.

- M. americanus* Leach. Terrebonne Co. (Hau).
M. angusticollis Say. Laurentian Mts. Terrebonne Co. VIII (C); Argenteuil Co. (D'Ur); Montreal Isl. IX (C); Ottawa Co. (Fy).
M. moerens Lec. Montreal Isl. (O).
M. niger Kirby. Terrebonne Co. (Hau); Montreal Isl. (C).

MACROBASIS Lac.

- M. unicolor* Kirby. Montreal Isl. VI (C); Rouville Co. VI (C); Chateauguay Co. VII (C); Labelle Co. VII (Fletcher).

EPICAUTA Redt.

- E. cinerea* Forst. Missisquoi Co., on potato plants (Fy).
E. pennsylvanica Deg. Kamouraska Co. (Chapais); Terrebonne Co. (Hau).
E. trichrus Pall. St. Johns Co. VII (C).

POMPHOPOEA Lac.

- P. sayi* Lec. Isle of Orleans VI (Hm); Levis Co. (Fy); Laurentian Mts., Terrebonne Co. VI (W); Labelle Co. VI (Lyman).

Sub-Order RHYNCHOPHORA.

The insects which compose this sub-order consisting of the remaining families are called snout-beetles or weevils. The head is prolonged into a snout or beak at the end of which the mouth parts are situated. They are small or moderate sized insects generally black or brown, more or less covered with hair or scales often forming patterns as lines or spots.

Family BRENTHIDAE

A family containing very elongate, slender beetles. Our only species occurs under bark.

KUPSA IS Lw.

- K. minuta* Drury. Levis Co. (Fy); Berthier Co. VI (Be); Terrebonne Co. (Hau); Val-d'Or Co. (O).

Family ANTHRIBIDAE

A small family of brown or fuscous, often variegated species.

GONOTROPIS Lec.

G. gibbosus Lec. Chicoutimi Co. (P); Montreal Isl. (O).

EURYMICTER Lec.

E. fasciatus Oliv. St. Hyacinthe Co. (P); Montreal Isl. VI (C); St. John's Co. VII (C).

ALLANDRUS Lec.

A. bifasciatus Lec. Montreal Isl. (O); Chambly Co. VII (C); Vaudreuil Co. VI (C).

ANTHRIBUS Giesb.

A. cornutus Say. Lewis Co. (Fy).

EUPARIUS Schen.

E. marmoratus Oliv. Montreal and Jesus Isl. VII-IX (C); Vaudreuil Co. (Des).

BRACHYTARSUS Schen.

B. sticticus Boh. Jesus Isl. VII (Be).

B. tomentosus Say. Jesus Isl. VII (Be).

Family CURCULIONIDAE

This large family which has been divided into a number of subfamilies contains nearly all the Rhynchophora. The beetles are of small to moderate size and are at once distinguished by a well-developed beak. They are plant feeders and are often very injurious.

Subfamily RHINOMACERINAE**RHINOMACER Fabr.**

R. pilosus Fabr. Rouville Co. V (C); Vaudreuil Co. V (C); Montreal Isl. VI (Be).

Subfamily RHYNCHITINAE**RHYNCHITES Hbst.**

R. serratus Say. Chateauguay Co. VII (C).

R. bicolor Fabr. Montreal Isl. (O).

R. cyanellus Lec. Joliette Co. (O); Montreal Isl. (C); Vaudreuil Co. (O); Ottawa Co. (H).

Subfamily ATTELABINAE

ATTELABUS Linn.

A. exilis Ill. Temiscouata Co. VII (Sa).

A. ricki Boh. Terrebonne Co. (Hau); Stanstead Co. (M).

Subfamily APIONINAE

APION Hbet.

A. griseum Smith. Joliette Co. (O); Montreal Isl. (O); Vaudreuil Co. VI (C).

A. huren Fall. Chambly Co. (O); Montreal Isl. (O).

A. nigrum Hbet. St. Johns Co. (C).

A. patrici Smith. Rouville Co. VI (C).

A. signipes Say. Montreal Isl. VI (C).

A. welshii Smith. Joliette Co. (Hau); Stanstead Co. (M); Montreal Isl. V (C).

PODAPION Riley.

P. gallicola Riley. Vaudreuil Co. VI (C).

Subfamily ITHYCERINAE

ITHYCERUS Sch.

I. noveboracensis Forst. Levis Co. (Fy); Terrebonne Co. (Hau); Chateauguy Co. VI (C);
Montreal Isl. VI-VII (C); Chateauguy Co. VII (S); Ottawa Co. V (S). On beech.

Subfamily OTIORHYNCHINAE

EPICAERUS Sch.

E. imbricatus Say. Montreal Isl. VI (C).

HORMORUS Hern.

H. undulatus Uhler. Quebec VI (Hm); Montreal Isl. VI (C).

ANAMETIS Hern.

A. granulatus Say. Montreal Isl. (O); Vaudreuil Co. VII (C)

PHYXELIS Sch.

- P. rigidus** Say. Terrebonne Co. (Hau); Montreal Isl. VI (C); St. Johns Co. V (C); Vaudreuil Co. VI (C).

OTIORHYNCHUS Germ.

- O. ovatus** Linn. Terrebonne Co. (Hau); Montreal Isl. VII-VIII (C); Vaudreuil Co. VII (St); Two Mountains Co. VI (C).
O. rugifrons Gyll. Gaspé Co. (Hm).
O. singularis Linn. Montreal Isl. (O).
O. sulcatus Fabr. Lewis Co. (Fy); Terrebonne Co. (Hau); Montreal Isl. VI-VIII (C).

POLYDRUSUS Germ.

- P. americanus** Gyll. Montreal Isl. V (C); Montmorency Co. VI (Be).

SCIAPHILUS Steph.

- S. muricatus** Fabr. Montreal Isl. (O).

BARYPEITHES Duval

- B. pellucidus** Boh. Montreal Isl. V-VII (Gm).

STROPHOSOMUS Steph.

- S. coryli** Fabr. Montreal Isl. (O).

SCYTHROPUS Sch.

- S. elegans** Coup. Rouville Co. V, on willow (W); Montreal Isl. VI (Be).

Subfamily CURCULIONINAE**SITONA Germ.**

- S. flavescens** Marsh. Rouville Co. V (C); Montreal Isl. VI (C); Vaudreuil Co. VI (C); Argenteuil Co. (D'Ur).
S. hispidula Germ. Rouville Co. VI-VII (C); Montreal Isl. V-VII (C), on clover
S. tibialis Hbst. Terrebonne Co. (Hau); Montreal and Jesus Isl. V-VIII (C); Vaudreuil Co. (Des); Two Mountains Co. VI (C).

TRICHALOPHUS Loe.

- T. alternatus** Say. Lewis Co. (Fy); Ottawa Co. VI (H).

PHYTONOMUS Sch.

- P. comptus** Say. Montreal Isl. (O); St. Johns Co. VI (C).
P. nigrirostris Fabr. Terrebonne Co. (Hau); Rouville Co. V-VI (C); Chambly Co., Montreal and Jesus Isl. V-VII (C); Vaudreuil Co. (Des); Two Mountains Co. VI (C).

HYPERA Germ.

- H. punctata** Fabr. Montreal Isl. VII, IX (C). off Rouville Co. VI (Be). Injurious to clover.

LEPYRUS Sch.

- L. palustris** Scop. Terrebonne Co. (Hau); Montreal Isl. VII, (C); Vaudreuil Co. VII, (Des) Chateauguay Co. VII (St). Berther Co. VI (Be), on willow.

LISTRONOTUS Jak.

- L. appendiculatus** Boh. Terrebonne Co. (Hau); Montreal Isl. VII (C); Huntingdon Co. (O).
L. caudatus Say. Chambly Co. (O); Huntingdon Co. (O).
L. latiusculus Boh. Chambly Co. (O); Rouville Co. VII (C); Vaudreuil Co. (O).
L. squamiger Say. St. Hyacinthe Co. (P); Rouville Co. VI (C); Huntingdon Co. VI (C).
L. tuberosus Lec. Montreal Isl. (O); Vaudreuil Co. VI (C).

HYPERODES Jakel.

- H. columbis** Gyll. St. Johns Co. VI (C).
H. humilis Boh. Joliette Co. (O); Montreal Isl. V, VI (C); St. Johns Co. VII (C); Vaudreuil Co. (O).
H. porcellus Say. Montreal Isl. (O); Vaudreuil Co. (O).
H. solutus Boh. Joliette Co. (O); St. Hyacinthe Co. (P); Rouville Co. VI (C); Montreal Isl. VI (C).
H. sparsus Say. Gaspé Co. (Hm); St. Johns Co. VII (C); Montreal Isl. (O); Vaudreuil Co. VII (C).

PISSODES Germ.

- P. affinis** Rand. St. Johns VI (C).
P. strebl Peck. Levis Co. (Fy); Terrebonne Co. (Hau); Rouville Co. V (C); Montreal Isl. VI (Be). Injurious to pine and spruce.

HYLOBIUS Germ.

- H. confusus** Kirby. Levis Co. (Fy); Rouville Co. VI (C); Montreal Isl. V (Be).
H. pales Hbst. Chicoutimi Co. (Sa); Terrebonne Co. (Hau); St. Johns Co. V (C); Rouville Co. V (C); Vaudreuil Co. (Des); Montreal Isl. V (Be).

HYPOMOLYX Lec.

H. piceus DeG. Levis Co. (Fy).

DORYTOMUS Steph.

D. brevicollis Lec. Montreal Isl. VI (C).

D. mucidus Say. Montreal Isl. (O).

GRYPIDIUS Sch.

G. equiseti Fabr. Rouville Co. VI (C); Montreal Isl. V (C); Champlain Co. VI (Be).

NOTARIS Germ.

N. puncticollis Lec. Terrebonne Co. (Hau); Rouville Co. VI (C); Montreal Isl. (O); Vaudreuil Co. VI (C).

SMICRONYX Sch.

S. corniculatus Fabr. Montreal Isl. (Be).

ENDALUS Lap.

E. ovalis Lec. Chambly Co. (O); Montreal Isl. (Be); Chateau guay Co. VII (C).

TANYSPHYRUS Sch.

T. lemnae Fabr. Montreal Isl. on aquatic plants (Be).

ANCHODEMUS Lec.

A. augustus Lec. Chambly Co., on aquatic plants (O).

LIXELLUS Lec.

L. filiformis Lec. Lake on Mt. St. Hilaire, Rouville Co. VI* (C); Chambly Co. (O). On aquatic plants.

BAGOUS Germ.

B. magister Lec. Vaudreuil Co. VI (C).

B. mammillatus Say. Montreal VI (C).

PROCTORUS Lec.

P. decipiens Lec. Vaudreuil Co. VI (C).

THYSANOCHEMIS Lec.

T. fraxini Lec. St. Johns Co. VI (C).

OTIDOCEPHALUS Chev.

- O. chevrolatii** Horn. Montreal Isl. VI (C); Vaudreuil Co. VI (C).
O. myrmex Hbst. Jesus Isl. VI (C); Montreal Isl. VI (Be); Vaudreuil Co. V-VI (C)

MAGDALIS Germ.

- M. armicollis** Say. Terrebonne Co. (Hau); Montreal Isl. VI (C); St. Johns Co. (C).
M. herbata Say. Montreal Isl. VI (C); Rouville Co. VII (C).
M. elyra Hbst. Montreal VII (C).
M. pandura Say. Montreal Isl. V (Be).

BALANINUS Germ.

- B. haucii** Chitt. Montreal Isl. (O).
B. nasutus Say. Isle of Orleans (Fy); Terrebonne Co. (Hau); Rouville Co. VI (C); Montreal Isl. (O); very destructive to acorns.
B. obtusus Blanch. Joliette Co. (O).
B. rectus Say. Montreal Isl. (W); Ottawa Co. VI (H).

ACALYPTUS Sch.

- A. carpinis** Hbst. Montreal and Jesus Isl. V-VII (C); Rouville Co. VI (C); St. Johns Co. VI (C); Vaudreuil Co. VI-VII (C), on willow.

ORCHESTES III.

- O. ephippialus** Say. Terrebonne Co. (Hau); Montreal Isl. V-VII (C); Chambly Co. VI (C); Rouville Co. VI (C).
O. niger Horn. Montreal Isl. V-VI (C); Vaudreuil Co. (Des).
O. pallicornis Say. Portneuf Co. (P); Rouville Co. VI (C); Vaudreuil Co. V (C).
O. rufipes Lec. Montreal Isl. V (Be); Rouville Co. VII (C).

ELLESCHUS Steph.

- E. bipunctatus** Linn. Laurentians Mts., Terrebonne Co. (O); Rouville Co. V-VI (C); Montreal and Jesus Isl. VI (C); Vaudreuil Co. VII (C).
E. ephippialus Say. Montreal and Jesus Isl. V-VII (C); Vaudreuil Co. VI (C).

TRACHYPTERUS Dietz.

- T. quadrigibbus** Say. Terrebonne Co. (Hau); Vaudreuil Co. (Des).

ANTHONOMUS Germ.

- A. cervinus** Lec. Montreal Isl. VI (C); Vaudreuil Co. VI (C).
A. elongatus Lec. Vaudreuil Co. VII (M).
A. flavicornis Boh. Portneuf Co. (P).

- A. nebulosus* Lec. Vaudreuil Co. VII (C).
A. nigrinus Boh. Portneuf Co. (P); Montreal Isl. VI (C).
A. rufipennis Sec. Montreal Isl. V (C); Vaudreuil Co. V (C); Chateaugay VII (C).
A. signatus Say. Terrebonne Co. (Hau); Rouville Co. V (C); Montreal and Jesus Isl. V-VII (C); Vaudreuil Co. V (C).
A. suturalis Lec. Montreal and Jesus Isl. VI, on willow (C).
A. sycophanta Walsh. Rouville Co. VI (C); Montreal Isl. V-VI on willow (C).

PSEUDANTHONOMUS Dietz.

- P. crataegi* Walsh. Montreal Isl. (O).

PIAZORHINUS Sch.

- P. scutellaris* Say. Portneuf Co. (P).

GYMNETRON Sch.

- G. tetrum* Fabr. Terrebonne Co. (Hau); Montreal and Jesus Isl. V-VIII (C); St. Johns Co. VI (C); Vaudreuil Co. (Des); Wright Co. (H). Common on Mullein:

LIXUS Fabr.

- L. concavus* Say. Vaudreuil Co. (O).
L. rubellus Rand. Rouville Co. V-VI (C).

MADARELLUS Casey.

- M. undulatus* Say. Levis Co. (Fy); Rouville Co. V (C); Vaudreuil Co. VI (C).

PSEUDOBARIS Lec.

- P. nigra* Say. Montreal Isl. (O).

LIMNOBARIS Bédé.

- L. prolix* Lec. Rouville Co. V (C).
L. rectirostris. Lec. Quebec Co. (P); Levis Co. (Fy); Stanstead Co. VII (M); Rouville Co. VI (C).

IDIOSTETHUS Casey.

- I. tubulatus* Say. Rouville Co. V (C).

GELUS Casey.

- G. oculatus* Say. Rouville Co. VI (C).

ACOPTUS Lec.

- A. suturalis* Lec. Montreal Isl. (Be); Rouville Co. VI (C); Vaudreuil Co. VII (C).

PSOMUS Casey.

P. politus Casey. Rouville Co. VI (C).

MONONYCHUS Germ.

M. vulpeculus Say. Terrebonne Co. (Hau); Montreal and Jesus Isl. VI (C); Chambly Co. V. (St); St. Johns Co. VI (C); Vaudreuil Co. (Des). Breeds in the seed pods of *Iris versicolor*.

AULEUTES Dietz.

A. nebulosus Lec. Rouville Co. VII (C); Montreal and Jesus Isl. VI (C); Vaudreuil Co. (O)

A. tenuipes Lec. Vaudreuil Co. VII (C).

ACALLODES Lec.

A. ventricosus Lec. Vaudreuil Co. VII (C).

CEUTORHYNCHUS Germ.

C. cyanipennis Germ. Montreal Isl. VI (C); Rouville Co. VI (C).

C. puberulus Lec. St. Johns Co. VI (C).

C. pusio Mann. Montreal Isl. (O); Vaudreuil Co. (O).

C. rapae Gyll. Montreal Isl. (O).

C. semirufus Lec. Rouville Co. V (C).

C. septentrionalis Gyll. Rouville Co. VI (C); Montreal and Jesus Isl. V-VI (C); Vaudreuil Co. VI (C). On wild mustard.

C. sulcipennis Lec. Portneuf Co. (P); Chateauguay Co. VII (C).

PERIGASTER Dietz.

P. cretura Hbst. St. Johns Co. (C).

PELENOMUS Thom.

P. sulcicollis Fabr. Stanstead Co. VII (M); Rouville Co. V (C); Chateauguay Co. VII (C); Vaudreuil Co. VI (C).

RHINONCUS Sch.

R. pyrrhopus Boh. Portneuf Co. (P); Rouville Co. V (C); Montreal Isl. VI (Be); Chateauguay Co. VII (C); Vaudreuil Co. (Des).

CONOTRACHELUS Sch.

C. anaglypticus Say. Rouville Co. VI (C); Montreal Isl. VI (C).

C. geminatus Lec. Vaudreuil Co. VI (C).

C. juglandis Lec. Isle of Orleans (Fy); Montreal Isl. (O)

- C. nemophar** Hbst. Terrebonne Co. (Hau); St. Johns Co. VII (C); Montreal Isl. IV (Be); Jesus Isl. VII (C). Very injurious to plum.
C. peticatus Boh. Terrebonne Co. (Hau); Rouville Co. VI (St); Montreal Isl. V (C).
C. crataegi Walsh. Rouville Co. VI (Be).

PSEUDOMUS Sch.

- P. truncatus** Lec. Ottawa Co. (H).

TYLODERMA Say.

- T. aerea** Say. Rouville Co. VI-VII (C); Montreal Isl. VI (C); Vaudreuil Co. (O); Two Mountains Co. VI (C).
T. foveolata Say. Rouville Co. VI (C).

CRYPTORYNCHUS III.

- C. blignatus** Say. Portneuf Co. (P).
C. fuscatus Lec. St. Johns Co. VI (C).
C. lapathi Linn. Joliette Co. VII (Bl); St. Johns Co. IX (Bl).
C. parochus Say. Terrebonne Co. (Hau); Montreal Isl. (O); Rouville Co. VI (C).

Subfamily COSSINAE**DRYOPHTHORUS** Sch.

- D. americanus** Bedel. Isle of Orleans (Fy); Chateaugay Co. VII (C).

COSSONUS Clairv.

- C. corticola** Say. Terrebonne Co. (Hau); Montreal and Jesus Isl. VI-VII (C); St. Johns Co. VI (C); Vaudreuil Co. (Des).

PHLOEOPHAGUS Sch.

- P. apionides** Horn. Montreal Isl. VI (C).

STENOSCELIS Woll.

- S. brevis** Boh. Montreal Isl. (Be).

Subfamily CALANDRINAE**SPHENOPHORUS** Sch.

- S. callosus** Oliv. Levis Co. (Fy); Terrebonne Co. (Hau); Montreal Isl. (Be); Vaudreuil Co. (Des).
S. costipennis Horn. Montreal Isl. V (C).
S. pertinax Lec. Terrebonne Co. (Hau); Montreal Isl. IV (C).

CALANDRA Clairv.

- C. granaria** Linn. Levis Co. in grain stores (Fy); Terrebonne Co. (Hau).

Family IPIDAE

These are the "bark-beetles." They bore in wood or bark and cause great injury to forest trees. They are generally small and cylindrical.

ECCOPTOGASTER Herbst.

- E. piceae** Swaine. Vaudreuil Co. (S); Montreal Isl. (S); Ottawa Co. (S). In *Abies* and *Picea* dead branches.
E. quadripineus Say. Vaudreuil Co. (S).

CRYPHALUS Erich.

- C. balsameus** Hopk. Rouville Co.; Montreal Isl.; Ottawa Co.; in dying branches of *Abies balsamea* (S).

LYMANTOR Lev.

- L. decipiens** Lec.; Montreal, Isl. (S), on *Acer*.

DRYOCOETES Eichh.

- D. affaber** Mann. Quebec Prov.; in *Pinus*, *Picea* (S).
D. americanus Hopk. Everywhere in Quebec coniferous forests; *Picea*, *Larix*, *Pinus*
D. betulae Hopk. Montreal Isl. (S); Vaudreuil Co. (S); In *Betula lutea* (S).
D. piceae Hopk. Montreal Isl.; Vaudreuil Co.; in *Picea* (S).

XYLEBORUS Eichh.

- X. canadensis** Swaine. Isle Perrot VIII in *Quercus*.

ANISANDRUS Ferrari.

- A. minor** Swaine. Vaudreuil Co.; Montreal Isl.; Rouville Co.; in *Betula*, *Acer*, *Fagus*, *Quercus*, (S).
A. obsus Lec. (*serratus* Swaine) Rouville Co.; Montreal Isl.; Vaudreuil Co.; in *Betula*, *Quercus*, *Acer*, *Fagus*, (S).
A. populi Swaine. Montreal Isl., in trunks of *Populus*.

CONOPHTHORUS Hapk.

- C. coniperda** Sz. Ottawa Co., in cones of *Pinus* (S).

PITYOPHTHONUS Eichh.

- P. canadensis** Swaine. Quebec province, in twigs of *Pinus* (S).
P. cariniceps Lec. Occurs in Nova Scotia and possibly in South-eastern Quebec (S).
P. minutissimus Zimm. Quebec Prov. on *Quercus* and *Fagus* (S).
P. nitidus Swaine. Quebec province, in *Picea canadensis* (S).
P. nudus Swaine. Quebec province, in *Picea canadensis* (S).
P. opaculus Lec. Montreal Isl.; twigs of *Picea*, *Pinus* and *Larix* (S).
P. puberulus Lec. Montreal Isl.; Vaudreuil Co.; twigs of *Pinus* (S).
P. pulicarius Zimm. Montreal Isl., *Pinus* (S).
P. ramipeda Swaine. Montreal Isl., in twigs of living *Pinus strobus* (S).

PITYOGENES Bedel.

- P. hepkinsi** Swaine. Montreal Isl.; Rouville Co.; Ottawa Co. Most abundant bark-beetle in pines (S).

ORTHOTOMICUS Ferrari.

- O. caelatus** Eichh. Montreal Isl.; Rouville Co.; Vaudreuil Co.; Ottawa Co.; *Pinus*, *Picea*, *Larix* (S).

IPS Degeer.

- I. calligraphus** Germ. Joliette Co. (O); Terrebonne Co. (Hau); St. Hyacinthe Co. VI (C). Lives in *Pinus* (S).
I. chagnoni Swaine. Montreal Isl. (S); Ottawa Co. (S). In *Picea*.
I. hudsonicus Lec. Ottawa Co., etc., throughout northern Quebec; in *Picea* (S).
I. porreti Swaine. Montreal Isl., in *Pinus resinosa* (S).
I. pini Say. Terrebonne Co. (Hau); everywhere in the Province; in *Pinus*, *Picea*, *Larix* (S).

GNATHOTRICHUS Eichh.

- G. materiarius** Fitch. Montreal Isl. (C); Vaudreuil Co. (S). Everywhere in conifers, *Pinus*, *Picea*, *Larix* (S).

TRYPODENDRON Steph.

- T. betulae** Swaine. Montreal Isl., Vaudreuil Co.; Ottawa Co.; in *Betula* (S).
T. bivittatum Kirby. Montreal Isl.; Vaudreuil Co.; very widely distributed; *Pinus*, *Picea*, *Abies*, *Larix*, *Juniperus* (S).
T. retusus Lec. Widely distributed; Montreal Isl.; Rouville Co.; Ottawa Co.; in *Populus* (S).

CRYPTURGUS Erich.

- C. atomus** Lec. Rouville Co.; Montreal Isl.; Ottawa Co.; in dying spruce bark (S).

DENDROCTONUS Ersh.

- D. piceiperda** Hopk. Spruce areas of eastern Quebec; in *Picea canadensis* (S).
D. simplex Lec. Montreal Isl.; Vaudreuil Co.; Ottawa Co.; generally distributed; in weakened and dying *Larix* (S).
D. valens Lec. Rouville Co. VI (C); Montreal Isl.; Vaudreuil Co.; Ottawa Co.; everywhere in *Pinus* and less frequently in *Picea* (S).

PHLOEOTRIBUS Latr.

- P. liminaris** Harris. Rouville Co. VI (C); Montreal Isl.; in wild cherry (S); Vaudreuil Co. (O). Food plants, *Prunus persica*, *P. armeniaca*, *P. cerasus*, *P. serotina*, *Pyrus malus* (S).
P. piceae Swaine. Montreal Isl. and Vaudreuil Co., in dead but green branches of *Picea canadensis* and *Abies* (S).

PHLOEOSINUS Chapuis.

- P. canadensis** Swaine. Montreal Isl. in *Thuja occidentalis* (S)

HYLASTINUS Bedel.

- H. obscurus** Marsh. Montreal Isl. (C); bores in the roots of clover (S).

HYLURGOPS Latr.

- H. pinifex** Fitch. Terrebonne Co. (Hau); Montreal Isl.; Rouville Co.; Ottawa Co.; on *Pinus* and *Larix* (S).
H. rufipes Eichh. Montreal Isl.; on *Ulmus* (S);

LEPERISINUS Reitter.

- L. aculeatus** Say. Rouville Co. V-VI (C); Montreal Isl. V (C); Vaudreuil Co. VI (C); Ottawa Co.; in *Fraxinus* (S).

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